

Central Flow Management Unit



IFPS and RPL Dictionary of Messages; ICAO 2012 Special edition

Edition No.	2012 v2.001 - draft
Edition Issue Date	2-August-2011
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Reference	IFPS/DOM/IFPS
Copy No.	

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1 Introduction

Purpose

- (1) The purpose of this document is to define the external interface of the IFPS and RPL systems. It describes the messages that IFPS and RPL systems send to TACT system and to the users of CFMU and the messages that the users of CFMU are allowed to send to IFPS and RPL systems.
- (2) This version of this document is a special edition dedicated to the ICAO 2012 format change. It is in line with the CFMU16.0 edition meaning that all changes due to CFMU16.0 are included in both versions of the DOM.

Readership

- (1) The intended readers of this document are the IFPS/RPL development team, and the users who need to know how to communicate with the IFPS/RPL systems.

1 References

External

- (1) Rules of the Air and Air Traffic Services, ICAO document 4444, FIFTEENTH EDITION - 2007
- (2) Rules of the Air and Air Traffic Services, ICAO document 4444, Amendment No1 - May 2008
- (3) EUR Regional Supplementary Procedures, ICAO document 7030, Fifth Edition - 2008

CFMU

- (1) EUROCONTROL STANDARD DOCUMENT for ATS Data Exchange Presentation (ADEXP), edition 2.1, December 2001
- (2) CFMU Handbook - IFPS Users Manual, edition 4.0, December 1997
- (3) IFPS Software Requirements, edition 3.0, November 1998
- (4) RPL Software Requirements, edition 2.101, December 1997
- (5) Corporate Conceptual Data Model Detail (part ENV), CORP/CCM/ENV, Edition 3.100, June 1998
- (6) CFMU 2012 Requirements, URB, edition 1.4, June 2011

1 Terminology

Main abbreviations and Acronyms

CCM:	Corporate Conceptual Model
CFMU:	Central Flow Management Unit
IFPS:	Integrated Initial Flight Plan Processing System
RPL:	Repetitive Flight Plan Processing System
TACT:	Tactical System
ENV:	Environment System
ATS:	Air Traffic Services
AIS:	Aeronautical Information Services

ICAO: International Civil Aviation Organisation
 ADEXP: ATS Data Exchange Presentation
 AO: Aircraft Operator

1 Message description method

- (1) IFPS/RPL messages can be organised in data flows consisting of ICAO flight plan and associated messages, ADEXP flight plan and associated messages, and Repetitive Flight Plans.
- (2) These are described in terms of single information pieces, which can be called data elements. Each data element can be described as a combination of more constituent data elements.
- (3) A data element consists of its name, the data definition body and a list of extended attributes (see 4.2).

Data definition body

- (1) The data definition body uses a notation similar to BNF (Backus Nauer Form) notation, to describe the syntax of the data element. Each data definition consists of a number of tokens, which can be either a identifier or a literal or an operator.
- (2) An identifier can be up to 64 characters long. It is used to reference the name of a constituent data element.
- (3) A literal is a number of characters enclosed in double quotes.
- (4) An operator is a token reserved to denote one of the following operations:

selection:	The operator ' ' is used to denote the selection. The notation [A B] means "either A or B are present"
iteration:	The operators '{', '}' are used to denote the iteration. The notation X{ A }Y means "A can be repeated equal or greater than X times and equal or less than Y times". X and Y are integers equal or greater than zero. If X is not present it is assumed to be zero. If Y is not present it is assumed to be the infinity.
option:	The operators '(', ')' are used to denote the option. The notation (A) means "A can be optionally present"
concatenation:	The operator '+' is used to denote the concatenation. The notation A + B means "B follows A sequentially". As a rule, throughout this document this operator indicates a strict concatenation, meaning that no separator is implied between A and B. Wherever there is a need to imply a separator for readability purposes, this will be explicitly mentioned in the description (extended attributes) of each data element as "loose concatenation".
modifier:	A modifier is an identifier enclosed in angle brackets (< >). The modifier is used to distinguish different instances of an identifier within the data definition body.
- (5) A period '.' indicates the end of the data definition body

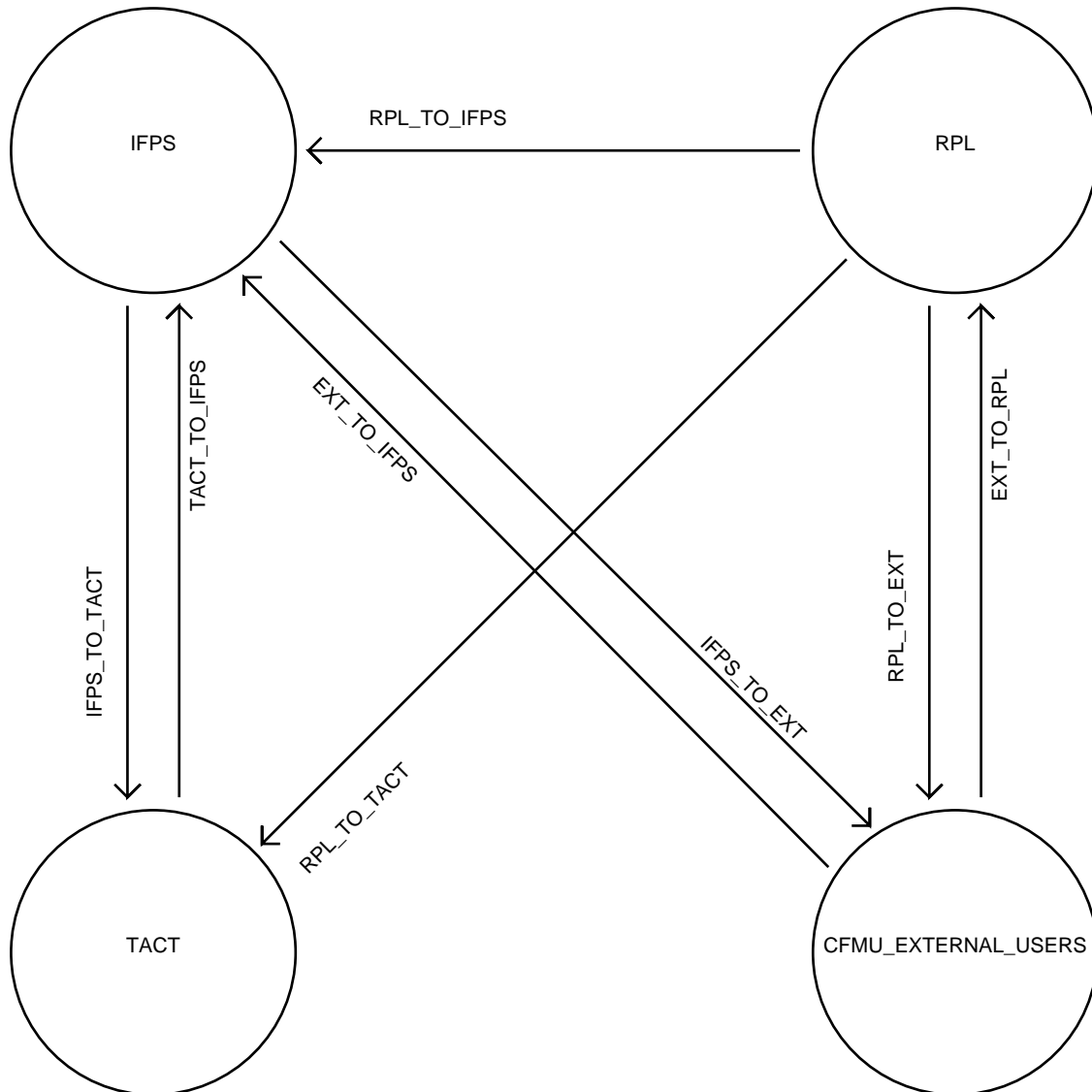
Extended attributes

- (1) These are used to describe semantic information regarding the data element. They follow the data definition body of the element and are separated from it by eight or more dashes.
- (2) Each data element contains following extended attributes:

detailed_definition:	Short description to introduce the data element.
value_definition:	Provides additional information about syntax or possible values of data element. Explains abbreviations represented as literals in data definition body.
consistency_rules:	these rules contain information necessary to maintain the data element consistent with the rest of the interface specification.
autocorrection_rules:	these rules describe corrections made to the data element automatically by IFPS (without manual intervention of IFPS operator).

1 Diagrams

IFPS and RPL External Interface Diagram

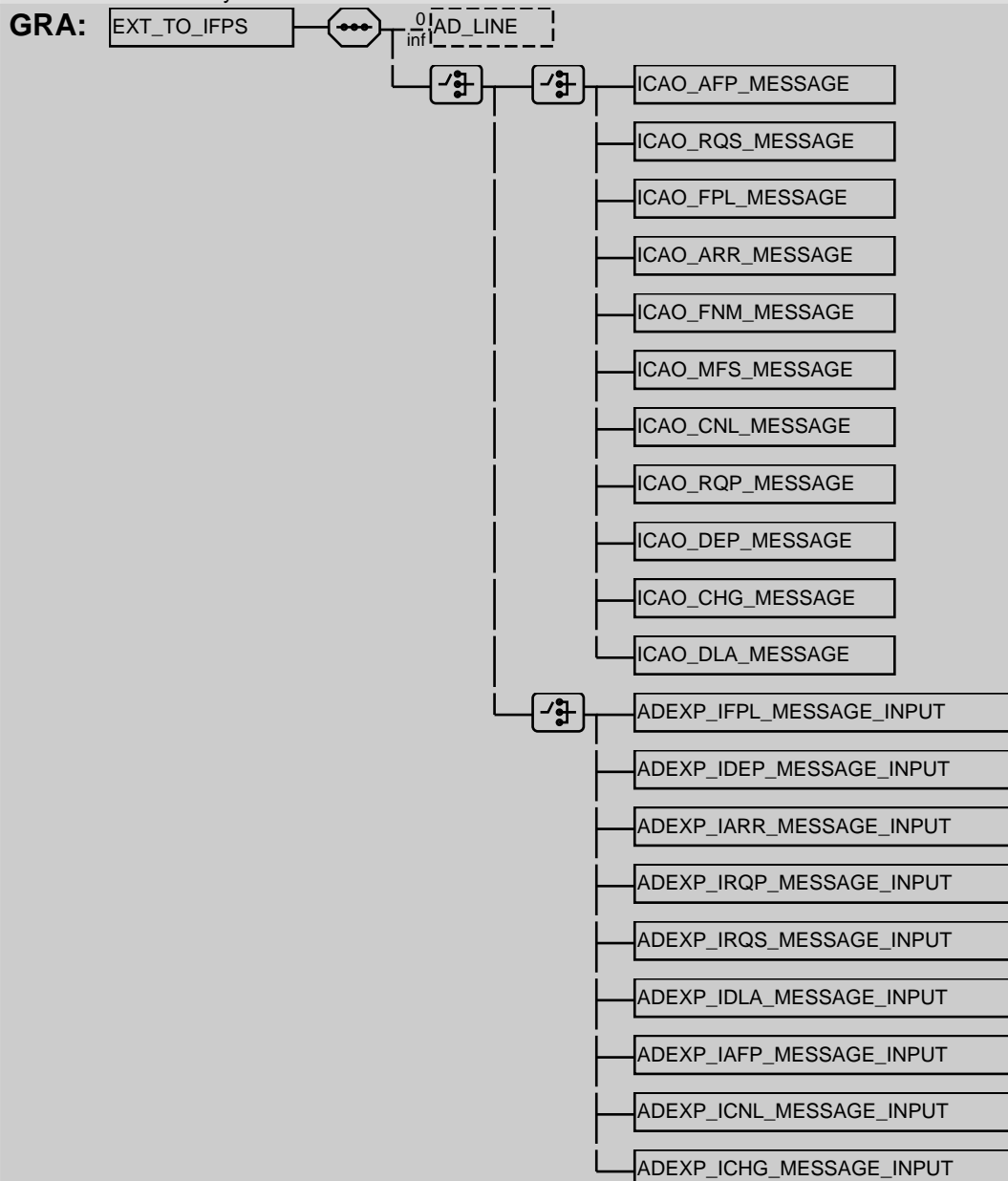


Data Flow

EXT_TO_IFPS

BNF: 0{ AD_LINE } + [[ICAO_AFP_MESSAGE | ICAO_RQS_MESSAGE | ICAO_FPL_MESSAGE | ICAO_ARR_MESSAGE | ICAO_FNM_MESSAGE | ICAO_MFS_MESSAGE | ICAO_CNL_MESSAGE | ICAO_RQP_MESSAGE | ICAO_DEP_MESSAGE | ICAO_CHG_MESSAGE | ICAO_DLA_MESSAGE] [[ADEXP_IFPL_MESSAGE_INPUT | ADEXP_IDEP_MESSAGE_INPUT | ADEXP_IARR_MESSAGE_INPUT | ADEXP_IRQP_MESSAGE_INPUT | ADEXP_IRQS_MESSAGE_INPUT | ADEXP_IDLA_MESSAGE_INPUT | ADEXP_IAFP_MESSAGE_INPUT | ADEXP_ICNL_MESSAGE_INPUT | ADEXP_ICHG_MESSAGE_INPUT]]]

DOC: Detailed Definition: (1)all messages that can be sent to IFPS ;
Value Definition:
Consistency Rules:




PAR:

EXT_TO_RPL

BNF: 1{ IFPS_RPL_FILE }

DOC: Detailed Definition: (1) Possible type of input accepted by RPL;
Value Definition:
Consistency Rules:

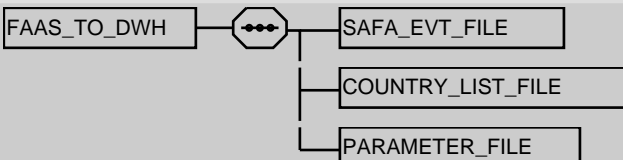
GRA: 

PAR:

FAAS_TO_DWH

BNF: SAFA_EVT_FILE + COUNTRY_LIST_FILE + PARAMETER_FILE

DOC: Detailed Definition: (1) The set of files produced by a FAAS archive run for the DWH system.
Value Definition:

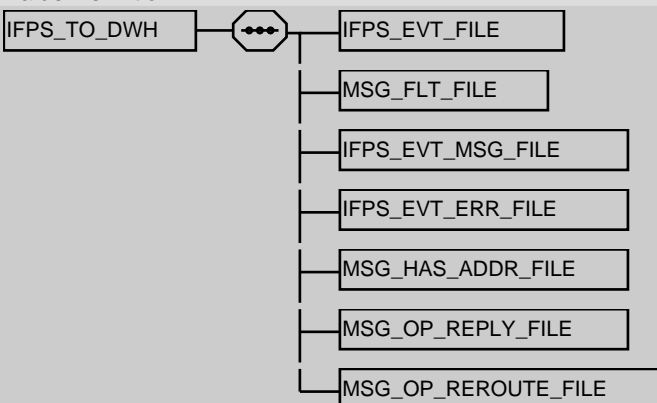
GRA: 

PAR:

IFPS_TO_DWH

BNF: IFPS_EVT_FILE + MSG_FLT_FILE + IFPS_EVT_MSG_FILE + IFPS_EVT_ERR_FILE + MSG_HAS_ADDR_FILE + MSG_OP_REPLY_FILE + MSG_OP_REROUTE_FILE

DOC: Detailed Definition: (1) The set of files produced by an IFPS archive run for the DWH system.
Value Definition:

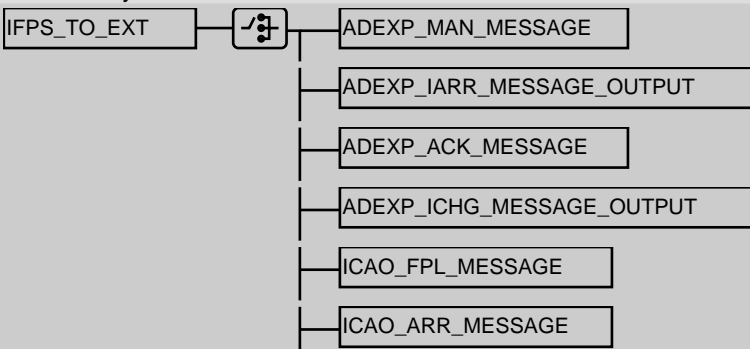
GRA: 

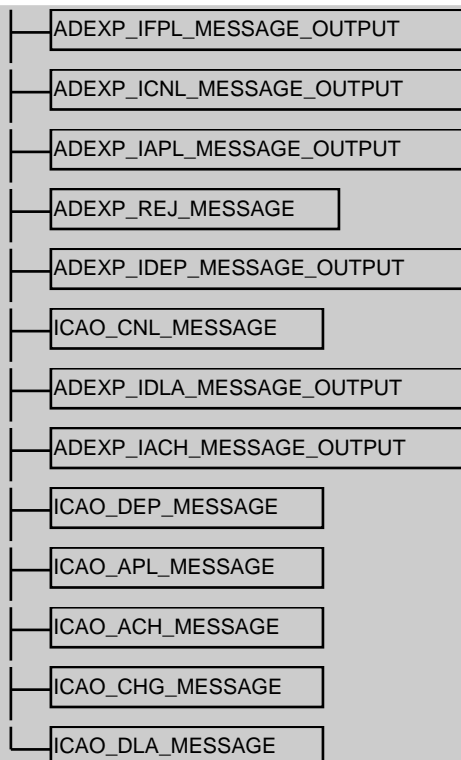
PAR:

IFPS_TO_EXT

BNF: [ADEXP_MAN_MESSAGE | ADEXP_IARR_MESSAGE_OUTPUT | ADEXP_ACK_MESSAGE | ADEXP_ICHG_MESSAGE_OUTPUT | ICAO_FPL_MESSAGE | ICAO_ARR_MESSAGE | ADEXP_IFPL_MESSAGE_OUTPUT | ADEXP_ICNL_MESSAGE_OUTPUT | ADEXP_IAPL_MESSAGE_OUTPUT | ADEXP_REJ_MESSAGE | ADEXP_IDEP_MESSAGE_OUTPUT | ICAO_CNL_MESSAGE | ADEXP_IDLA_MESSAGE_OUTPUT | ADEXP_IACH_MESSAGE_OUTPUT | ICAO_DEP_MESSAGE | ICAO_APL_MESSAGE | ICAO_ACH_MESSAGE | ICAO_CHG_MESSAGE | ICAO_DLA_MESSAGE]

DOC: Detailed Definition: (1) all messages that can be sent by IFPS to external users of CFMU ;
Value Definition:
Consistency Rules:

GRA: 

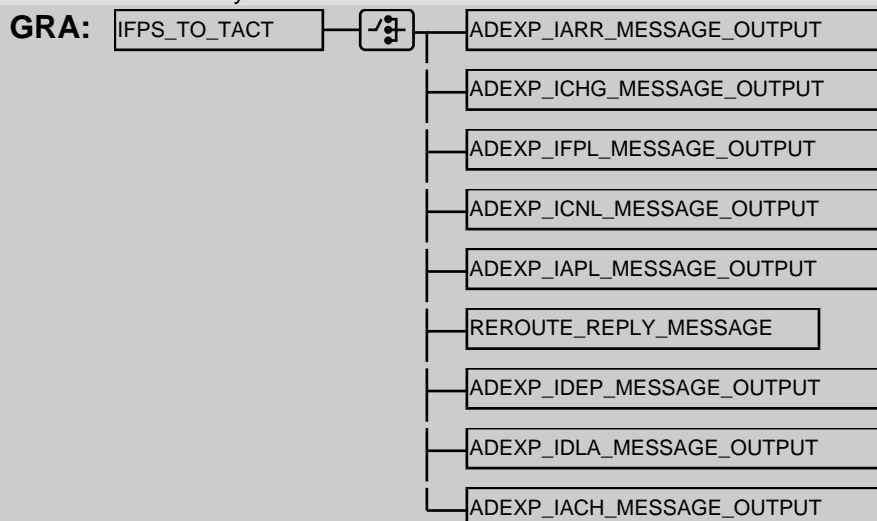


PAR:

IFPS_TO_TACT

BNF: [[ADEXP_IARR_MESSAGE_OUTPUT](#) | [ADEXP_ICHG_MESSAGE_OUTPUT](#) | [ADEXP_IFPL_MESSAGE_OUTPUT](#) | [ADEXP_ICNL_MESSAGE_OUTPUT](#) | [ADEXP_IAPL_MESSAGE_OUTPUT](#) | [REROUTE_REPLY_MESSAGE](#) | [ADEXP_IDEP_MESSAGE_OUTPUT](#) | [ADEXP_IDLA_MESSAGE_OUTPUT](#) | [ADEXP_IACH_MESSAGE_OUTPUT](#)]

DOC: Detailed Definition: (1)all messages that can be sent by IFPS to TACT ;
Value Definition:
Consistency Rules:



PAR:

RPL_TO_EXT

BNF: 1{ [[RPL_BULK_OUTPUT](#) | [RPL_ACK_MESSAGE](#)] }

DOC: Detailed Definition: (1) All possible types of OUTPUT from RPL system to CFMU external users;
Value Definition:
Consistency Rules:



RPL_ACK_MESSAGE

PAR:

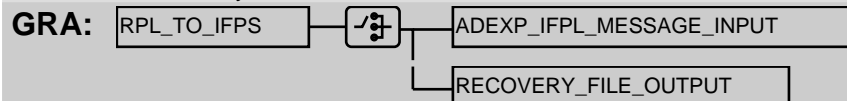
RPL_TO_IFPS

BNF: [[ADEXP_IFPL_MESSAGE_INPUT](#) | [RECOVERY_FILE_OUTPUT](#)]

DOC: Detailed Definition: (1)all OUTPUT that can be sent by RPL to IFPS ;

Value Definition:

Consistency Rules:



PAR:

RPL_TO_TACT

BNF: [ADEXP_IFPL_TACT_FILE_OUTPUT](#)

DOC: Detailed Definition: (1)all messages that can be sent by RPL to TACT ;

Value Definition:

Consistency Rules:



PAR:

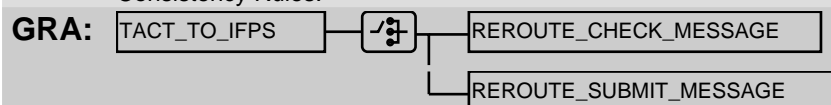
TACT_TO_IFPS

BNF: [[REROUTE_CHECK_MESSAGE](#) | [REROUTE_SUBMIT_MESSAGE](#)]

DOC: Detailed Definition: (1)all messages that can be sent by TACT to IFPS ;

Value Definition:

Consistency Rules:



PAR:

ICAO flight plan and associated messages

Introduction

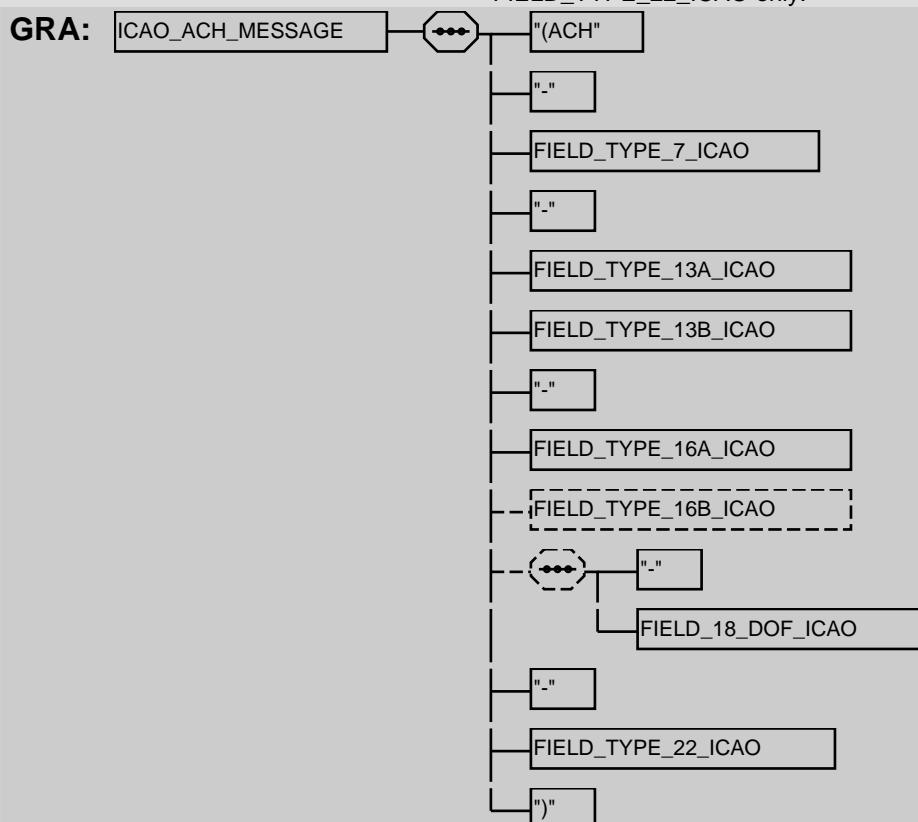
- (1) This chapter presents all messages related to flight plans in ICAO or ICAO-like format which are recognised by the IFPS.
- (2) The ICAO message format was created by the International Civil Aviation Organization to standardize and to improve the communications between air traffic control centres, aircraft operators and other organizations involved in air traffic management. The messages defined by this format, and used by the IFPS, are: FPL, CHG, CNL, ARR, DEP, DLA, RQS, RQP.
- (3) Other messages received by the IFPS in ICAO-like format are FNM, MFS and AFP. Other messages output by the IFPS in ICAO-like format are APL and ACH.

ICAO messages

ICAO_ACH_MESSAGE

BNF: "(ACH" + "-" + [FIELD_TYPE_7_ICAO](#) + "-" + [FIELD_TYPE_13A_ICAO](#) + [FIELD_TYPE_13B_ICAO](#) + "-" + [FIELD_TYPE_16A_ICAO](#) + ([FIELD_TYPE_16B_ICAO](#)) + ("-" + [FIELD_18_DOF_ICAO](#)) + "-" + [FIELD_TYPE_22_ICAO](#) + ")"

DOC: Detailed Definition: ATC Change message. An ICAO-like message, agreed by the FDFM. ;
 Value Definition:
 Consistency Rules: 1. These messages are only output by the IFPS. 2. There will always be a change to field 18 in [FIELD_TYPE_22_ICAO](#) giving either SRC/MFS or SRC/FNM. 3. If there are estimate data, this will be given in [FIELD_TYPE_22_ICAO](#). 4. All changed data shall be provided in the field [FIELD_TYPE_22_ICAO](#) only.

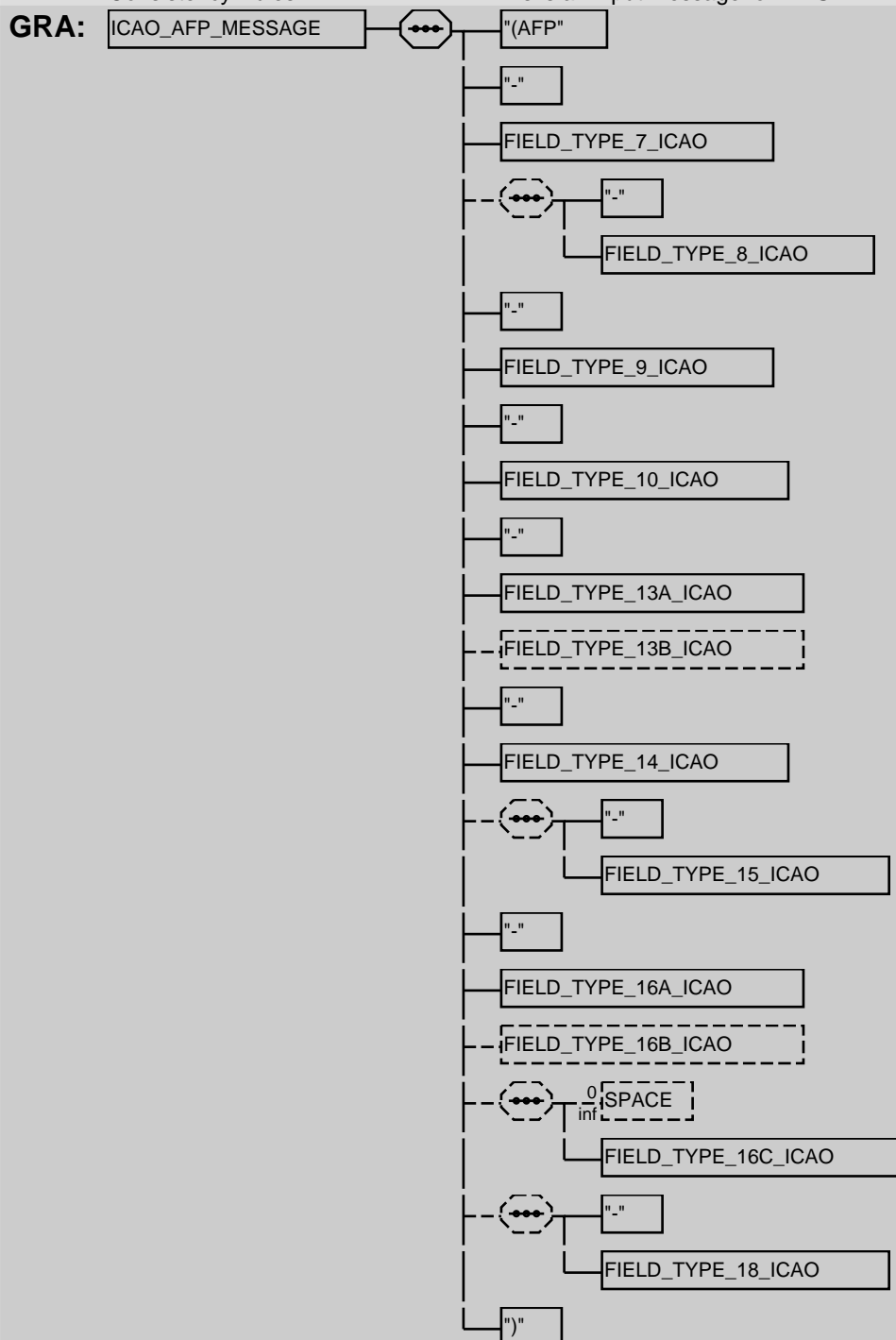


PAR: [IFPS_TO_EXT](#) (17)

ICAO_AFP_MESSAGE

BNF: "(AFP" + "-" + FIELD_TYPE_7_ICAO + ("-" + FIELD_TYPE_8_ICAO) + "-" + FIELD_TYPE_9_ICAO + "-" + FIELD_TYPE_10_ICAO + "-" + FIELD_TYPE_13A_ICAO + (FIELD_TYPE_13B_ICAO) + "-" + FIELD_TYPE_14_ICAO + ("-" + FIELD_TYPE_15_ICAO) + "-" + FIELD_TYPE_16A_ICAO + (FIELD_TYPE_16B_ICAO) + (0{ SPACE } + FIELD_TYPE_16C_ICAO) + ("-" + FIELD_TYPE_18_ICAO) + ")"

DOC: Detailed Definition: (1)An ICAO ATC flightplan proposal message;
Value Definition:
Consistency Rules: 1. This is an input message for IFPS

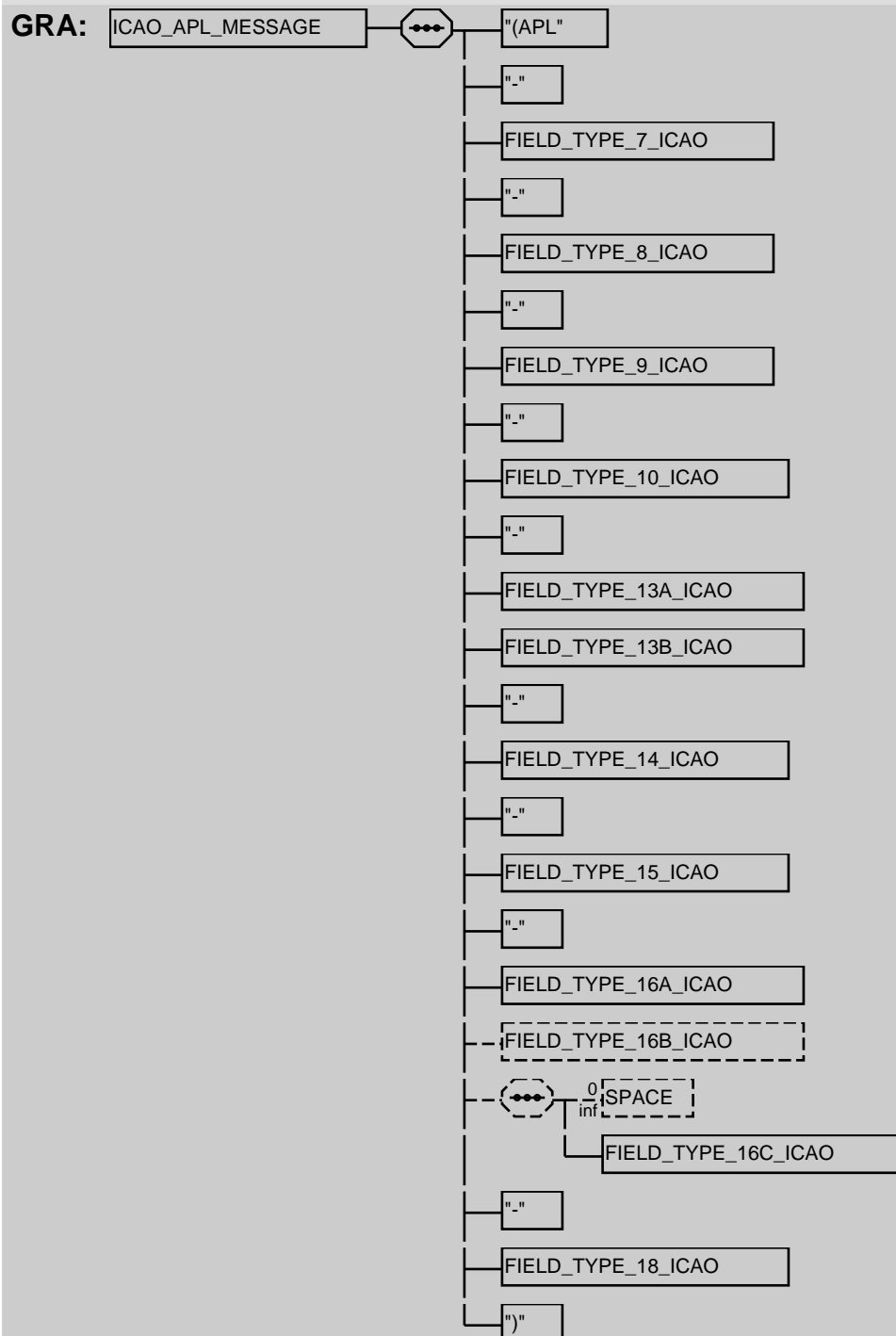


PAR: EXT_TO_IFPS (16)

ICAO_APL_MESSAGE

BNF: "(APL" + "-" + FIELD_TYPE_7_ICAO + "-" + FIELD_TYPE_8_ICAO + "-" + FIELD_TYPE_9_ICAO + "-" + FIELD_TYPE_10_ICAO + "-" + FIELD_TYPE_13A_ICAO + FIELD_TYPE_13B_ICAO + "-" + FIELD_TYPE_14_ICAO + "-" + FIELD_TYPE_15_ICAO + "-" + FIELD_TYPE_16A_ICAO + (FIELD_TYPE_16B_ICAO) + (0{ SPACE } + FIELD_TYPE_16C_ICAO) + "-" + FIELD_TYPE_18_ICAO + ")"

DOC: Detailed Definition: ATC flight plan. An ICAO-like message, agreed by the FDFM.;
 Value Definition:
 Consistency Rules: 1. These messages are only output by the IFPS, therefore there is no ICAO definition. 2. FIELD_TYPE_18_ICAO contains DOF/ and either SRC/AFP or SRC/FNM or SRC/MFS.



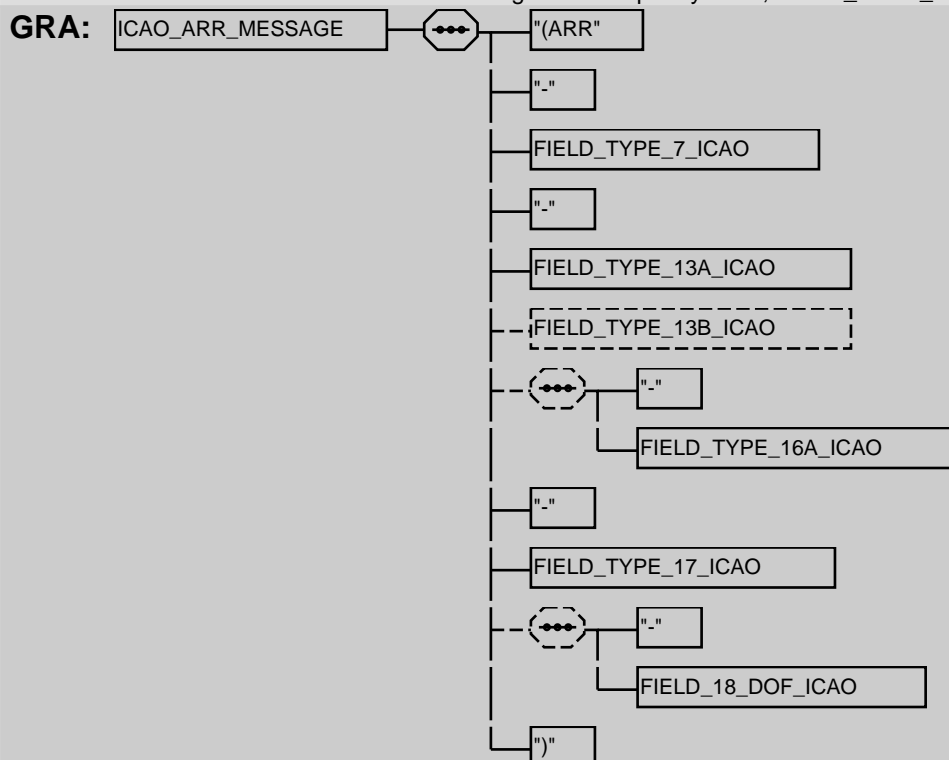
PAR: [IFPS_TO_EXT](#) (17)

ICAO_ARR_MESSAGE

BNF: "(ARR" + "-" + [FIELD_TYPE_7_ICAO](#) + "-" + [FIELD_TYPE_13A_ICAO](#) + ([FIELD_TYPE_13B_ICAO](#)) + ("-" + [FIELD_TYPE_16A_ICAO](#)) + "-" + [FIELD_TYPE_17_ICAO](#) + ("-" + [FIELD_TYPE_18_ICAO](#)) + ")"

DOC: Detailed Definition: ICAO arrival message. Indicates that the aircraft concerning the specified flight has arrived at the arrival aerodrome ;
 Value Definition:
 Consistency Rules: 1. This is an input and output message for IFPS. 2. If FIELD_TYPE_16A_ICAO is present, then this indicates a diversionary land-

ing. 3. On output by IFPS, FIELD_TYPE_13B_ICAO is always present.

**PAR:** EXT_TO_IFPS (16) | IFPS_TO_EXT (17)**ICAO_CHG_MESSAGE**

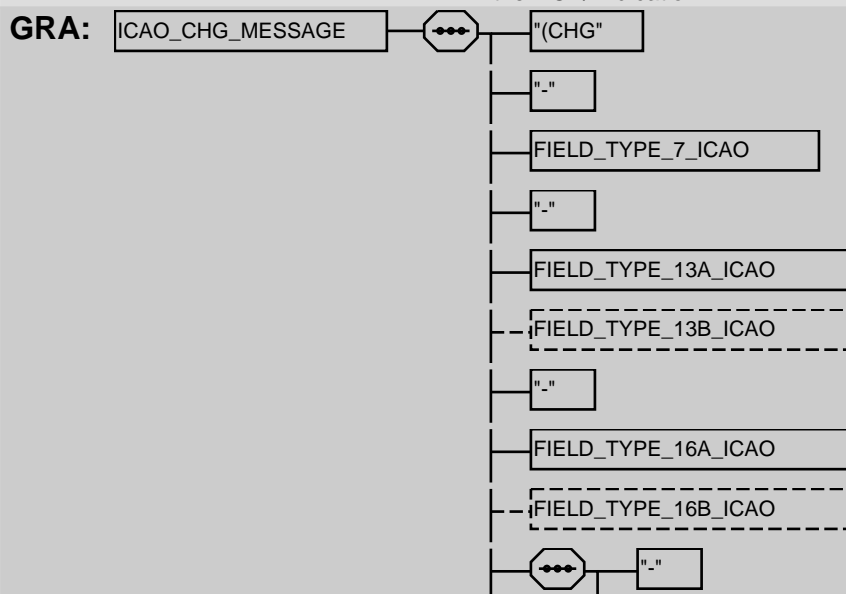
BNF: "(CHG" + "-" + FIELD_TYPE_7_ICAO + "-" + FIELD_TYPE_13A_ICAO + (FIELD_TYPE_13B_ICAO) + "-" + FIELD_TYPE_16A_ICAO + (FIELD_TYPE_16B_ICAO) + "-" + FIELD_TYPE_18_ICAO + 1{ "-" + FIELD_TYPE_22_ICAO } + ")"

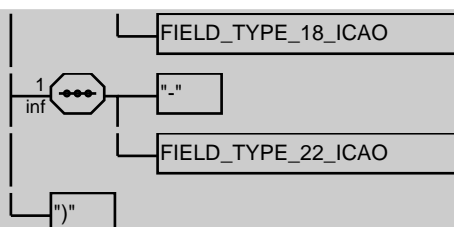
DOC: Detailed Definition: An ICAO change message. Indicates change in some data of the specified flight;.

Value Definition:

Consistency Rules:

1. This is an input and output message for IFPS. 2. On output by IFPS, FIELD_TYPE_13B_ICAO is always present. 3. On output by IFPS, FIELD_TYPE_16B_ICAO is not sent. 4. On output by IFPS, if there are more than 1 occurrences of FIELD_TYPE_22_ICAO, then the changed fields are listed in increasing numeric order. 5. All changed data shall be provided in the field FIELD_TYPE_22_ICAO only. 6. IFPS will output field 18 containing only the DOF/ indication.





PAR: EXT_TO_IFPS (16) | FPM_QUERY_DATA (167) FPM_REPLY_DATA (167) IFPS_TO_EXT (17)

ICAO_CNL_MESSAGE

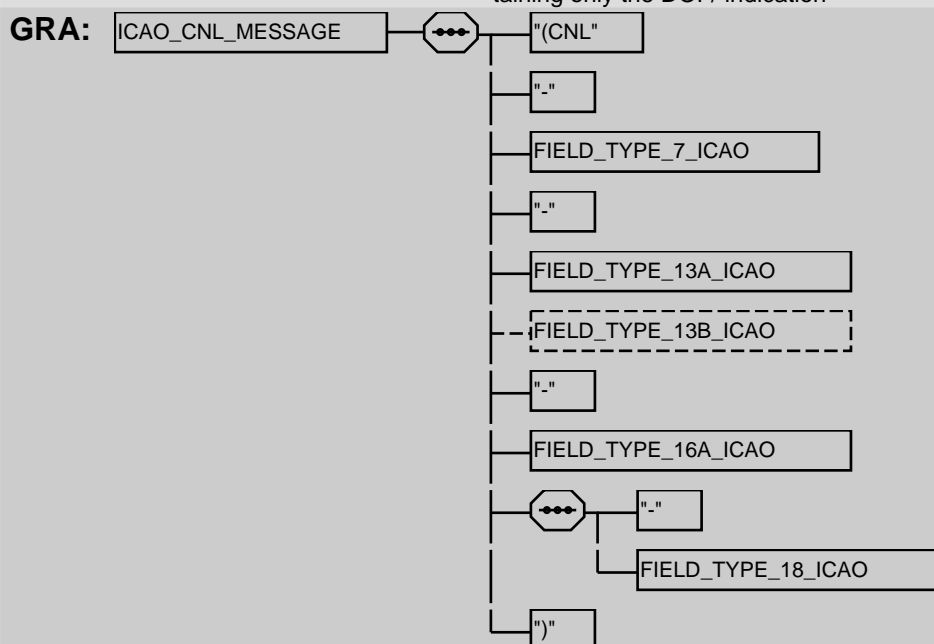
BNF: "(CNL" + "-" + FIELD_TYPE_7_ICAO + "-" + FIELD_TYPE_13A_ICAO + (FIELD_TYPE_13B_ICAO) + "-" + FIELD_TYPE_16A_ICAO + "-" + FIELD_TYPE_18_ICAO + ")"

DOC: Detailed Definition: (1)An ICAO cancel message.Indicates a cancellation of the specified flight;

Value Definition:

Consistency Rules:

1. This is an input and output message for IFPS. 2. On output by IFPS FIELD_TYPE_13B_ICAO are always present. 3. IFPS will output field 18 containing only the DOF/ indication



PAR: EXT_TO_IFPS (16) | FPM_QUERY_DATA (167) FPM_QUERY_DATA (167) FPM_REPLY_DATA (167) IFPS_TO_EXT (17)

ICAO_DEP_MESSAGE

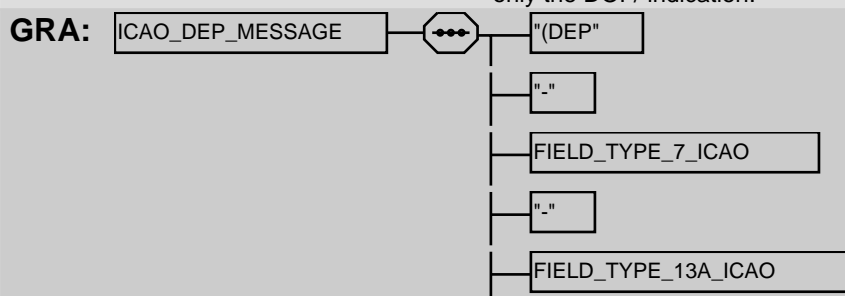
BNF: "(DEP" + "-" + FIELD_TYPE_7_ICAO + "-" + FIELD_TYPE_13A_ICAO + FIELD_TYPE_13B_ICAO + "-" + FIELD_TYPE_16A_ICAO + "-" + FIELD_TYPE_18_ICAO + ")"

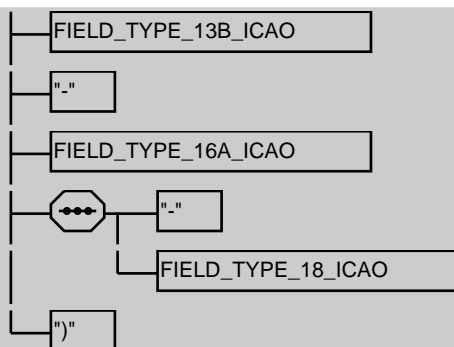
DOC: Detailed Definition: An ICAO departure message. Indicates that the aircraft of the specified flight has departed;

Value Definition:

Consistency Rules:

1. This is an input and output message for IFPS. 2. If the ""-"" is missing between FIELD_TYPE_7_ICAO and FIELD_TYPE_13A_ICAO, ""-"" is inserted automatically. 3. IFPS will output field 18 containing only the DOF/ indication.



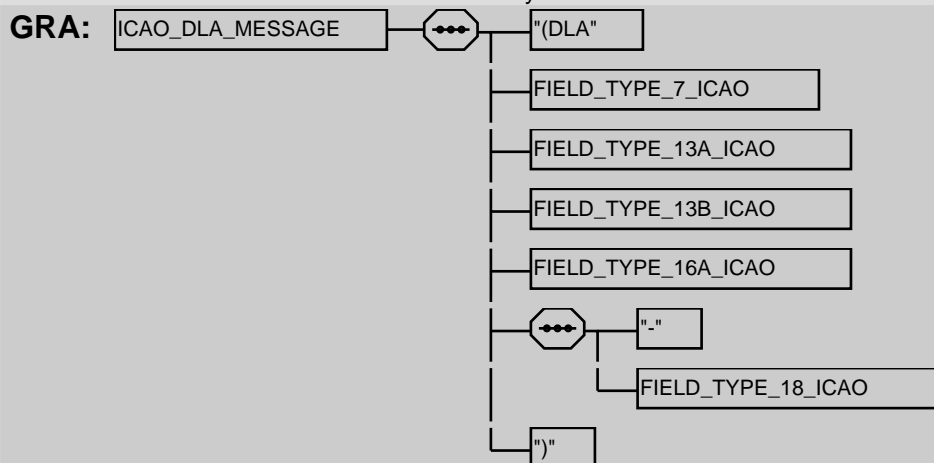


PAR: [EXT_TO_IFPS](#) (16) | [IFPS_TO_EXT](#) (17)

ICAO_DLA_MESSAGE

BNF: "(DLA" + [FIELD_TYPE_7_ICAO](#) + [FIELD_TYPE_13A_ICAO](#) + [FIELD_TYPE_13B_ICAO](#) + [FIELD_TYPE_16A_ICAO](#) + "-" + [FIELD_TYPE_18_ICAO](#) + ")"

DOC: Detailed Definition: (1)An ICAO delay message. Indicates a delay in the takeoff of the specified flight;
Value Definition: .
Consistency Rules: 1. This is an input and output message for IFPS. 2. Ifthe "-"is missing between FIELD_TYPE_7_ICAO and FIELD_TYPE_13A_ICAO, "-" is inserted automatically. 3. IFPS will output field 18 containing only the DOF/ indication.

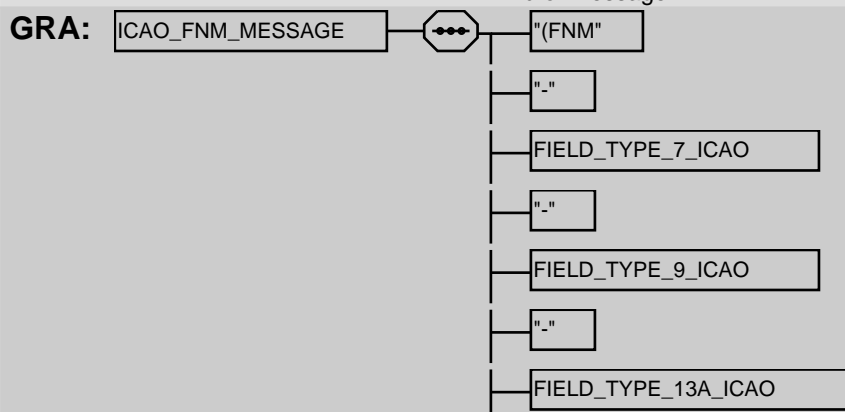


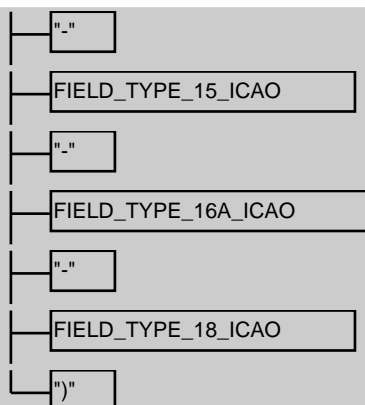
PAR: [EXT_TO_IFPS](#) (16) | [IFPS_TO_EXT](#) (17)

ICAO_FNM_MESSAGE

BNF: "(FNM" + "-" + [FIELD_TYPE_7_ICAO](#) + "-" + [FIELD_TYPE_9_ICAO](#) + "-" + [FIELD_TYPE_13A_ICAO](#) + "-" + [FIELD_TYPE_15_ICAO](#) + "-" + [FIELD_TYPE_16A_ICAO](#) + "-" + [FIELD_TYPE_18_ICAO](#) + ")"

DOC: Detailed Definition: (1)An ICAO-like message from Gander, as accepted by IFPS.;
Value Definition:
Consistency Rules: 1. The attribute CODE/ is not allowed in the FIELD_TYPE_18_ICAO of this kind of message.





PAR: EXT_TO_IFPS (16)

ICAO_FPL_MESSAGE

BNF: "(FPL" + "-" + FIELD_TYPE_7_ICAO + "-" + FIELD_TYPE_8_ICAO + "-" + FIELD_TYPE_9_ICAO + "-" + FIELD_TYPE_10_ICAO + "-" + FIELD_TYPE_13A_ICAO + FIELD_TYPE_13B_ICAO + "-" + FIELD_TYPE_15_ICAO + "-" + FIELD_TYPE_16_ICAO + ("-" + FIELD_TYPE_18_ICAO + (FIELD_TYPE_19_ICAO)) + ")"

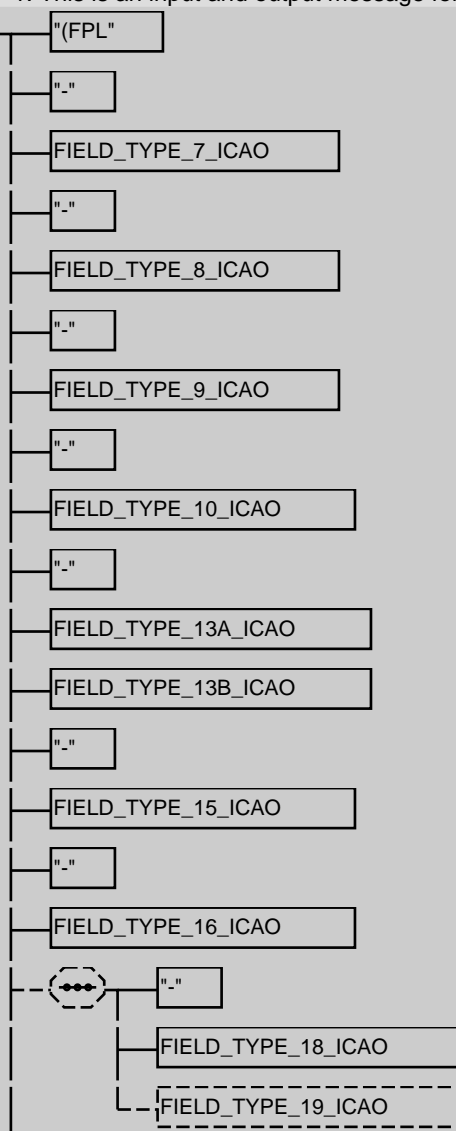
DOC: Detailed Definition: (1)An ICAO initialflight plan message ;

Value Definition:

Consistency Rules:

1. This is an input and output message for IFPS

GRA: ICAO_FPL_MESSAGE



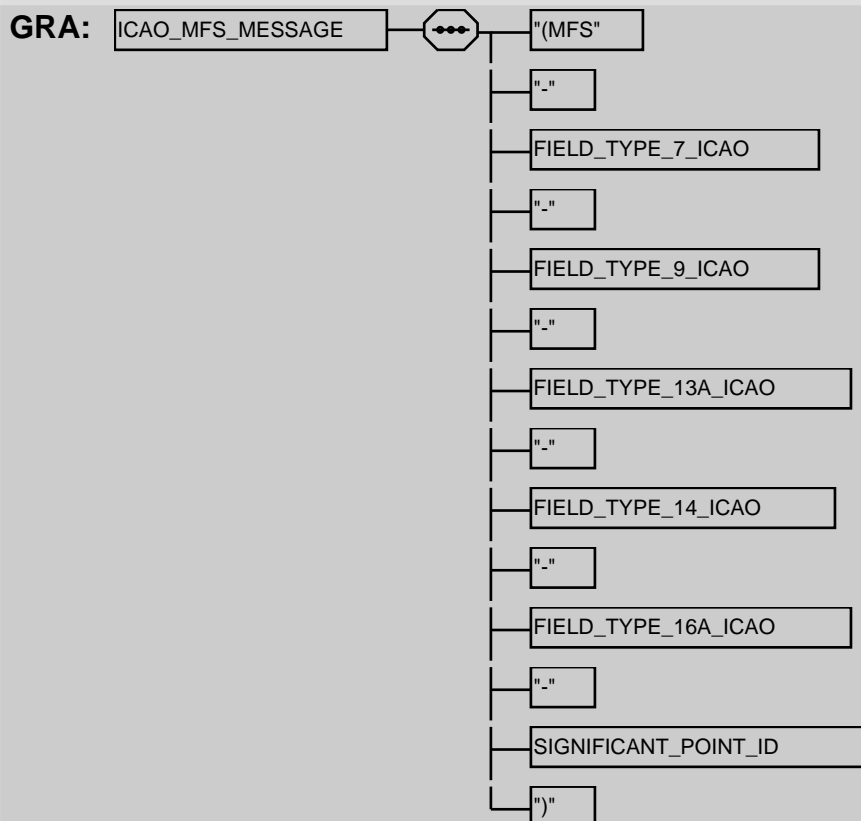
"")

PAR: [ERROR_REPLY](#) (167) [EXT_TO_IFPS](#) (16) | [FPM_QUERY_DATA](#) (167) [FPM_REPLY_DATA](#) (167) [IFPS_TO_EXT](#) (17)

ICAO_MFS_MESSAGE

BNF: "(MFS" + "-" + [FIELD_TYPE_7_ICAO](#) + "-" + [FIELD_TYPE_9_ICAO](#) + "-" + [FIELD_TYPE_13A_ICAO](#) + "-" + [FIELD_TYPE_14_ICAO](#) + "-" + [FIELD_TYPE_16A_ICAO](#) + "-" + [SIGNIFICANT_POINT_ID](#) + ")"

DOC: Detailed Definition: (1)An ICAO-like message from an Oceanic centre, as accepted by IFPS.;
Value Definition:
Consistency Rules: 1. This message is only received by IFPS, not output. 2. The SIGNIFICANT_POINT_ID is the first published point after the estimate point defined in field 14.

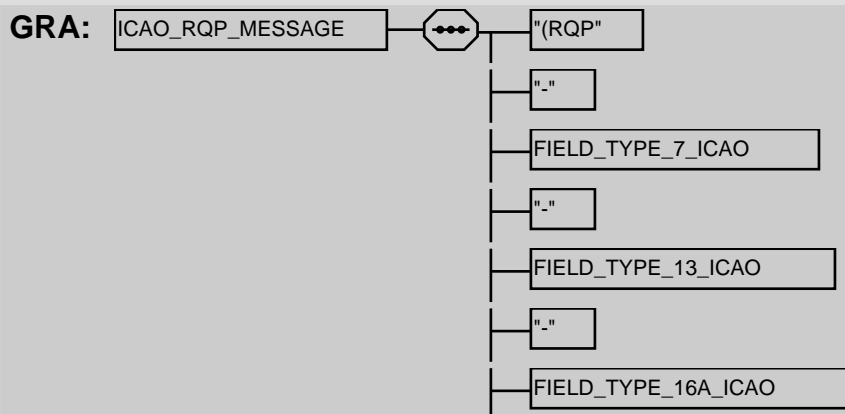


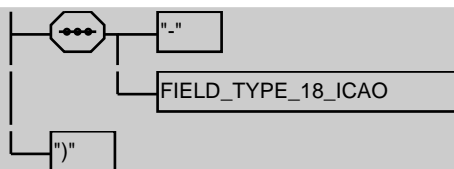
PAR: [EXT_TO_IFPS](#) (16)

ICAO_RQP_MESSAGE

BNF: "(RQP" + "-" + [FIELD_TYPE_7_ICAO](#) + "-" + [FIELD_TYPE_13_ICAO](#) + "-" + [FIELD_TYPE_16A_ICAO](#) + "-" + [FIELD_TYPE_18_ICAO](#) + ")"

DOC: Detailed Definition: (1)An ICAO request flight plan message, following doc. 4444.;
Value Definition:





PAR: [EXT_TO_IFPS](#) (16)

ICAO_RQS_MESSAGE

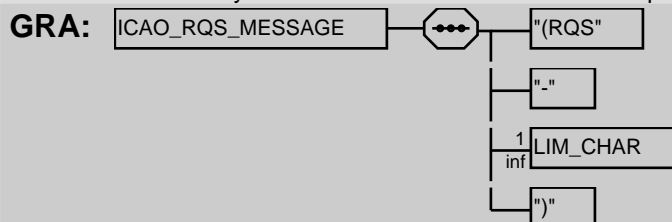
BNF: "(RQS" + "-" + 1{ [LIM_CHAR](#) } + ")"

DOC: Detailed Definition: (1)An ICAO request supplementary information message, as accepted by IFPS;

Value Definition:

Consistency Rules:

1. This is an input message for IFPS



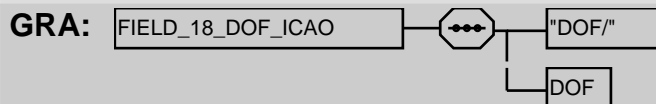
PAR: [EXT_TO_IFPS](#) (16)

ICAO fields

FIELD_18_DOF_ICAO

BNF: "DOF/" + [DOF](#)

DOC: Detailed Definition: Date of flight.Used when only the DOF part of field18 is allowed.
Value Definition:



PAR: [ICAO_ACH_MESSAGE](#) (20) | [ICAO_ARR_MESSAGE](#) (22)

FIELD_TYPE_10_ICAO

BNF: [aidequipment](#) + "/" + [surequipment_icao](#)

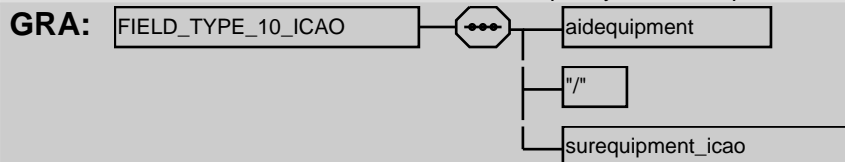
DOC: Detailed Definition: ICAO field type 10. Describes aircraft equipment.;

Value Definition:

Consistency Rules:

Auto Correction Rules:

On input by IFPS, all spaces found are ignored.



PAR: [FIELD_TYPE_18_ICAO](#) (32) | [FIELD_TYPE_22_ICAO](#) (37) | [ICAO_AFP_MESSAGE](#) (20) | [ICAO_APL_MESSAGE](#) (21) | [ICAO_FPL_MESSAGE](#) (26)

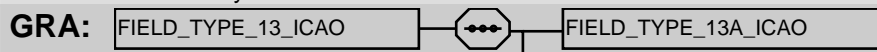
FIELD_TYPE_13_ICAO

BNF: [FIELD_TYPE_13A_ICAO](#) + ([FIELD_TYPE_13B_ICAO](#))

DOC: Detailed Definition: ICAO field type 13. Describes departure aerodrome and time;

Value Definition:

Consistency Rules:



L - FIELD_TYPE_13B_ICAO

PAR: FIELD_TYPE_22_ICAO (37) | ICAO_RQP_MESSAGE (27)

FIELD_TYPE_13A_ICAO

BNF: DEPARTURE_AERODROME

DOC: Detailed Definition: ICAO subfield type 13A. Describes departure aerodrome;
Value Definition: ;

Consistency Rules:

GRA: FIELD_TYPE_13A_ICAO — [] — DEPARTURE_AERODROME

PAR: FIELD_TYPE_13_ICAO (28) | ICAO_ACH_MESSAGE (20) | ICAO_AFP_MESSAGE (20) | ICAO_APL_MESSAGE (21) | ICAO_ARR_MESSAGE (22) | ICAO_CHG_MESSAGE (23) | ICAO_CNL_MESSAGE (24) | ICAO_DEP_MESSAGE (24) | ICAO_DLA_MESSAGE (25) | ICAO_FNM_MESSAGE (25) | ICAO_FPL_MESSAGE (26) | ICAO_MFS_MESSAGE (27)

FIELD_TYPE_13B_ICAO

BNF: [ATO | EOBT | ETO | AOBT]

DOC: Detailed Definition: ICAO field type 13B. Describes the estimated off-block time, or the actual time of departure or the actual or estimated time of departure from the firstpoint shown in the route of the flight. Option is based on the type of the message including this element.;

Value Definition:

Consistency Rules:

1. In DEP message, option is AOBT. 2. In FPL message with departure_aerodrome of value aerodrome_AFIL, option is ETO or ATO. 3. In all other IFPS messages, option is EOBT.

GRA: FIELD_TYPE_13B_ICAO — [] — ATO
EOBT
ETO
AOBT

PAR: FIELD_TYPE_13_ICAO (28) | ICAO_ACH_MESSAGE (20) | ICAO_AFP_MESSAGE (20) | ICAO_APL_MESSAGE (21) | ICAO_ARR_MESSAGE (22) | ICAO_CHG_MESSAGE (23) | ICAO_CNL_MESSAGE (24) | ICAO_DEP_MESSAGE (24) | ICAO_DLA_MESSAGE (25) | ICAO_FPL_MESSAGE (26)

FIELD_TYPE_14_ICAO

BNF: [REF_ICAO_POINT_ID | GEO_ICAO_POINT_ID | SIGNIFICANT_POINT_ID] + "/" + ETO + flightlevel + (flightlevel + ["A" | "B"])

DOC: Detailed Definition: ICAO field type 14. Describes estimate data;

Value Definition:

Consistency Rules:

GRA: FIELD_TYPE_14_ICAO — [] — REF_ICAO_POINT_ID
GEO_ICAO_POINT_ID
SIGNIFICANT_POINT_ID
"/"
ETO
flightlevel
flightlevel
"A"
"B"

PAR: FIELD_TYPE_22_ICAO (37) | ICAO_AFP_MESSAGE (20) | ICAO_APL_MESSAGE (21) | ICAO_MFS_MESSAGE (27)

FIELD_TYPE_15_ICAO**BNF:** (FIELD_TYPE_15A_ICAO) + FIELD_TYPE_15B_ICAO + SEP + FIELD_TYPE_15C_ICAO**DOC:** Detailed Definition: ICAO field type 15. Describes true cruising airspeed, requested flight level and route of the flight.;

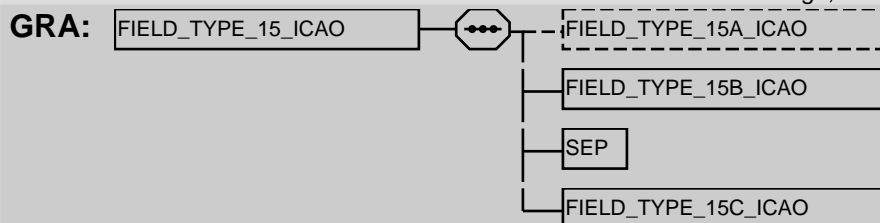
Value Definition:

Consistency Rules:

Auto Correction Rules:

1.On output by IFPS, FIELD_TYPE_15A_ICAO is always present.

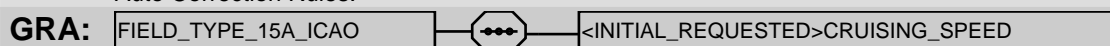
1.On input by IFPS, a space character between FIELD_TYPE_15A_ICAO and FIELD_TYPE_15B_ICAO is accepted and ignored. 2.On input by IFPS and in the context of an AFP message, FIELD_TYPE_15A_ICAO is always present.

**PAR:** FIELD_TYPE_22_ICAO (37) | ICAO_AFP_MESSAGE (20) | ICAO_APL_MESSAGE (21) | ICAO_FNM_MESSAGE (25) | ICAO_FPL_MESSAGE (26) | IFPS_RPL_FILE_WITH_DELIMITER (155) | IFPS_RPL_ROUTE_RECORD (158) | MSG_FLT_RECORD (198)**FIELD_TYPE_15A_ICAO****BNF:** <INITIAL_REQUESTED>CRUISING_SPEED**DOC:** Detailed Definition: ICAO subfield type 15A. Describes the true airspeed for the first or the whole cruising portion of the flight.;

Value Definition:

Consistency Rules:

Auto Correction Rules:

**PAR:** FIELD_TYPE_15_ICAO (30)**FIELD_TYPE_15B_ICAO****BNF:** <INITIAL_REQUESTED>CRUISING_LEVEL**DOC:** Detailed Definition: ICAO subfield type 15B. Describes requested cruising level.;

Value Definition:

Consistency Rules:

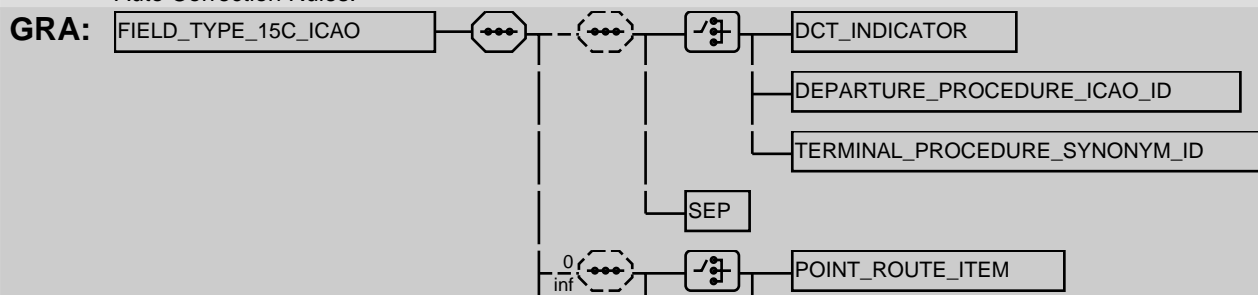
Auto Correction Rules:

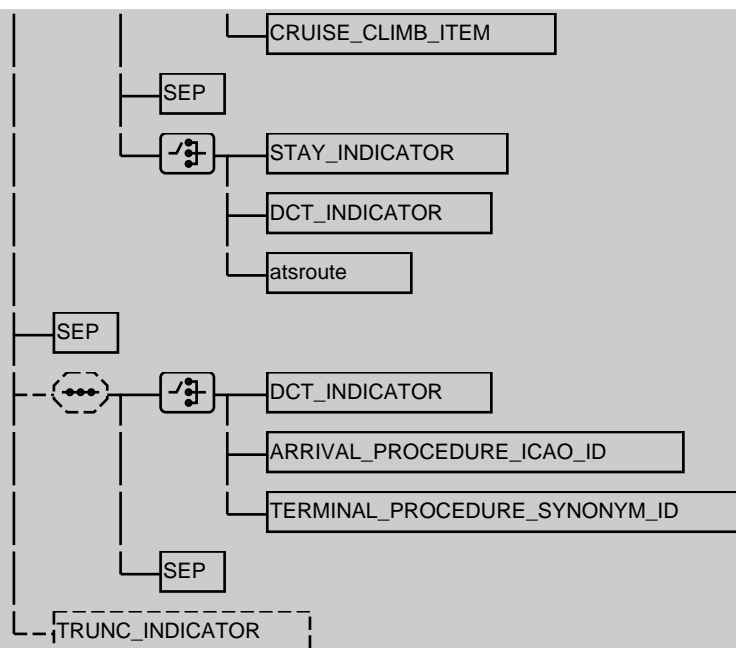
**PAR:** FIELD_TYPE_15_ICAO (30)**FIELD_TYPE_15C_ICAO****BNF:** ([DCT_INDICATOR | DEPARTURE_PROCEDURE_ICAO_ID | TERMINAL_PROCEDURE_SYNONYM_ID] + SEP) + 0{ [POINT_ROUTE_ITEM | CRUISE_CLIMB_ITEM] + SEP + [STAY_INDICATOR | DCT_INDICATOR | atsroute] } + SEP + ([DCT_INDICATOR | ARRIVAL_PROCEDURE_ICAO_ID | TERMINAL_PROCEDURE_SYNONYM_ID] + SEP) + (TRUNC_INDICATOR)**DOC:** Detailed Definition: ICAO subfield type 15C. Describes the route of the flight.;

Value Definition:

Consistency Rules:

Auto Correction Rules:





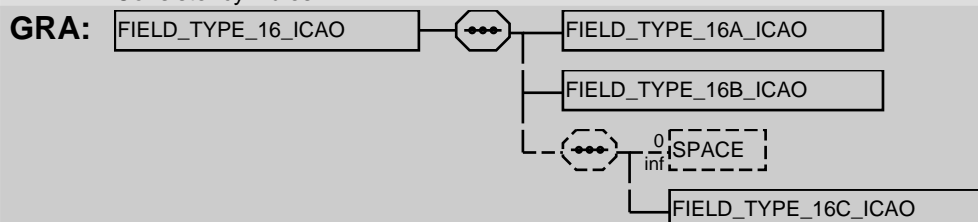
PAR: [FIELD_TYPE_15_ICAO](#) (30)

FIELD_TYPE_16_ICAO

BNF: [FIELD_TYPE_16A_ICAO](#) + [FIELD_TYPE_16B_ICAO](#) + (0{ [SPACE](#) } + [FIELD_TYPE_16C_ICAO](#))

DOC: Detailed Definition: ICAO field type 16. Describes destination aerodrome, total estimated elapsed time, alternate aerodrome(s);

Value Definition:
Consistency Rules:



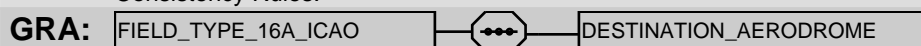
PAR: [FIELD_TYPE_22_ICAO](#) (37) | [ICAO_FPL_MESSAGE](#) (26)

FIELD_TYPE_16A_ICAO

BNF: [DESTINATION_AERODROME](#)

DOC: Detailed Definition: ICAO subfield type 16A. Describes destination aerodrome.;

Value Definition:
Consistency Rules:



PAR: [FIELD_TYPE_16_ICAO](#) (31) | [ICAO_ACH_MESSAGE](#) (20) | [ICAO_AFP_MESSAGE](#) (20) | [ICAO_APL_MESSAGE](#) (21) | [ICAO_ARR_MESSAGE](#) (22) | [ICAO_CHG_MESSAGE](#) (23) | [ICAO_CNL_MESSAGE](#) (24) | [ICAO_DEP_MESSAGE](#) (24) | [ICAO_DLA_MESSAGE](#) (25) | [ICAO_FNM_MESSAGE](#) (25) | [ICAO_MFS_MESSAGE](#) (27) | [ICAO_RQP_MESSAGE](#) (27)

FIELD_TYPE_16B_ICAO

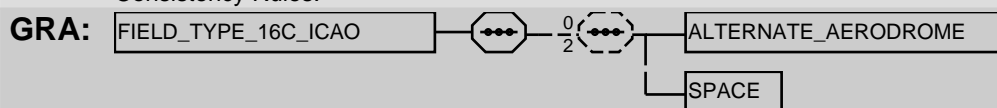
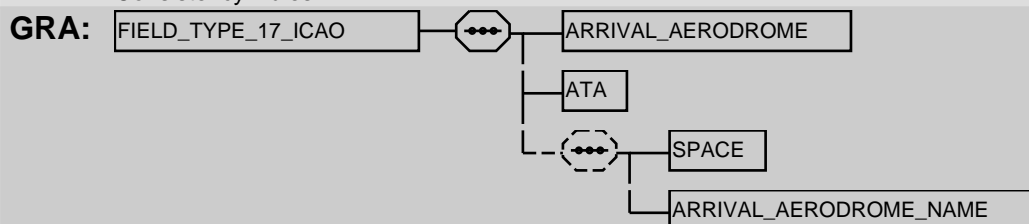
BNF: [TOTAL_ESTIMATED_ELAPSED_TIME](#)

DOC: Detailed Definition: ICAO subfield type 16A. Describes total estimated elapsed time;

Value Definition:
Consistency Rules:



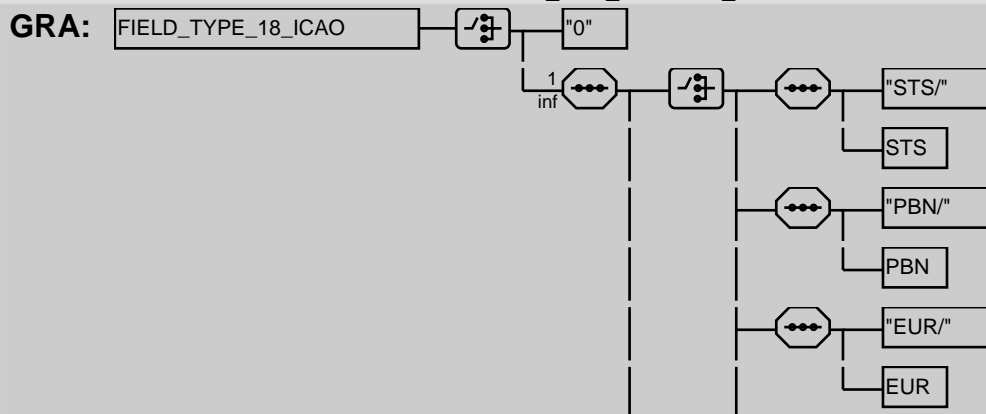
PAR: [FIELD_TYPE_16_ICAO](#) (31) | [ICAO_ACH_MESSAGE](#) (20) | [ICAO_AFP_MESSAGE](#) (20) | [ICAO_APL_MESSAGE](#) (21) | [ICAO_CHG_MESSAGE](#) (23)

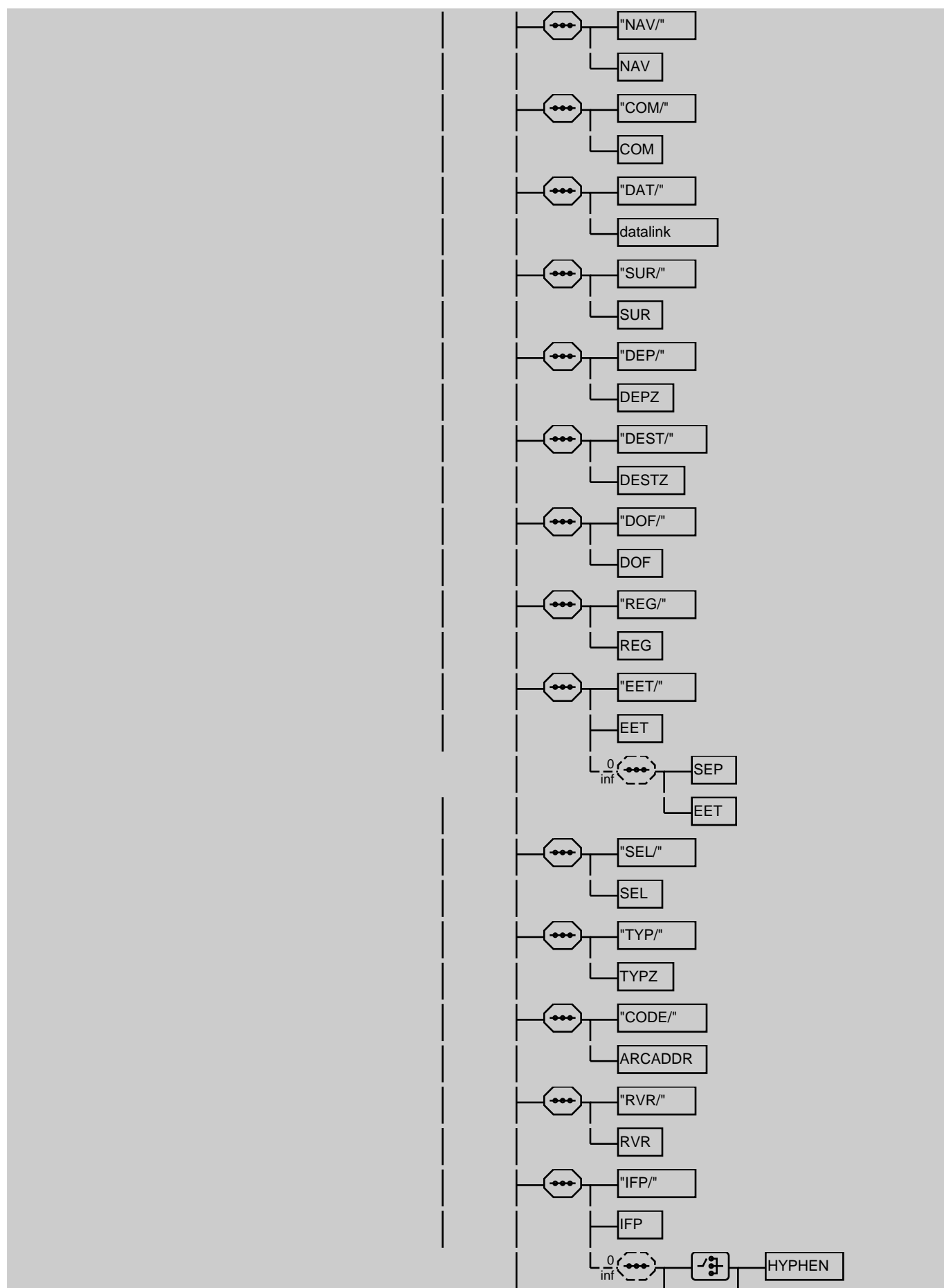
FIELD_TYPE_16C_ICAO**BNF:** 0{ [ALTERNATE_AERODROME](#) + [SPACE](#) }2**DOC:** Detailed Definition: ICAO subfield type 16C. Describes alternate aerodrome(s);
Value Definition:
Consistency Rules:**PAR:** [FIELD_TYPE_16_ICAO](#) (31) | [ICAO_AFP_MESSAGE](#) (20) | [ICAO_APL_MESSAGE](#) (21)**FIELD_TYPE_17_ICAO****BNF:** [ARRIVAL_AERODROME](#) + [ATA](#) + ([SPACE](#) + [ARRIVAL_AERODROME_NAME](#))**DOC:** Detailed Definition: ICAO field type 17. Describes arrival aerodrome and time.;
Value Definition:
Consistency Rules:**PAR:** [ICAO_ARR_MESSAGE](#) (22)**FIELD_TYPE_18_ICAO****BNF:** ["0" | 1{ ["STS/" + [STS](#) | "PBN/" + [PBN](#) | "EUR/" + [EUR](#) | "NAV/" + [NAV](#) | "COM/" + [COM](#) | "DAT/" + [datalink](#) | "SUR/" + [SUR](#) | "DEP/" + [DEPZ](#) | "DEST/" + [DESTZ](#) | "DOF/" + [DOF](#) | "REG/" + [REG](#) | "EET/" + [EET](#) + 0{ [SEP](#) + [EET](#) } | "SEL/" + [SEL](#) | "TYP/" + [TYPZ](#) | "CODE/" + [ARCADDR](#) | "RVR/" + [RVR](#) | "IFP/" + [IFP](#) + 0{ [[HYPHEN](#) | [SEP](#)] + [IFP](#) } | "DLE/" + [DLE](#) + 0{ [SEP](#) + [DLE](#) } | "OPR/" + [OPR](#) | "ORGN/" + 1{ [LIM_CHAR](#) }30 | "PER/" + [PER](#) | "ALTN/" + [ALTNZ](#) | "RALT/" + [RALT](#) | "TALT/" + [TALT](#) | "SRC/" + [SRC](#) | "RIF/" + [RIF](#) | "RMK/" + [RMK](#) | "STAYINFO" + [DIGIT1TO9](#) + "/" + 1{ [LIM_CHAR](#) } | "RFP/" + [RFP](#) | "AWR/" + [AWR](#) | [UNPUBLISHED](#) | "EQPT/" + [FIELD_TYPE_10_ICAO](#) | "EST/" + [[REF_ICAO_POINT_ID](#) | [GEO_ICAO_POINT_ID](#) | [SIGNIFICANT_POINT_ID](#)] + 0{ [SPACE](#) } + [ETO](#)] + [[HYPHEN](#) | [SEP](#)] }]**DOC:** Detailed Definition: ICAO fields type 18. Field 18 describes other general information about the flight. ;

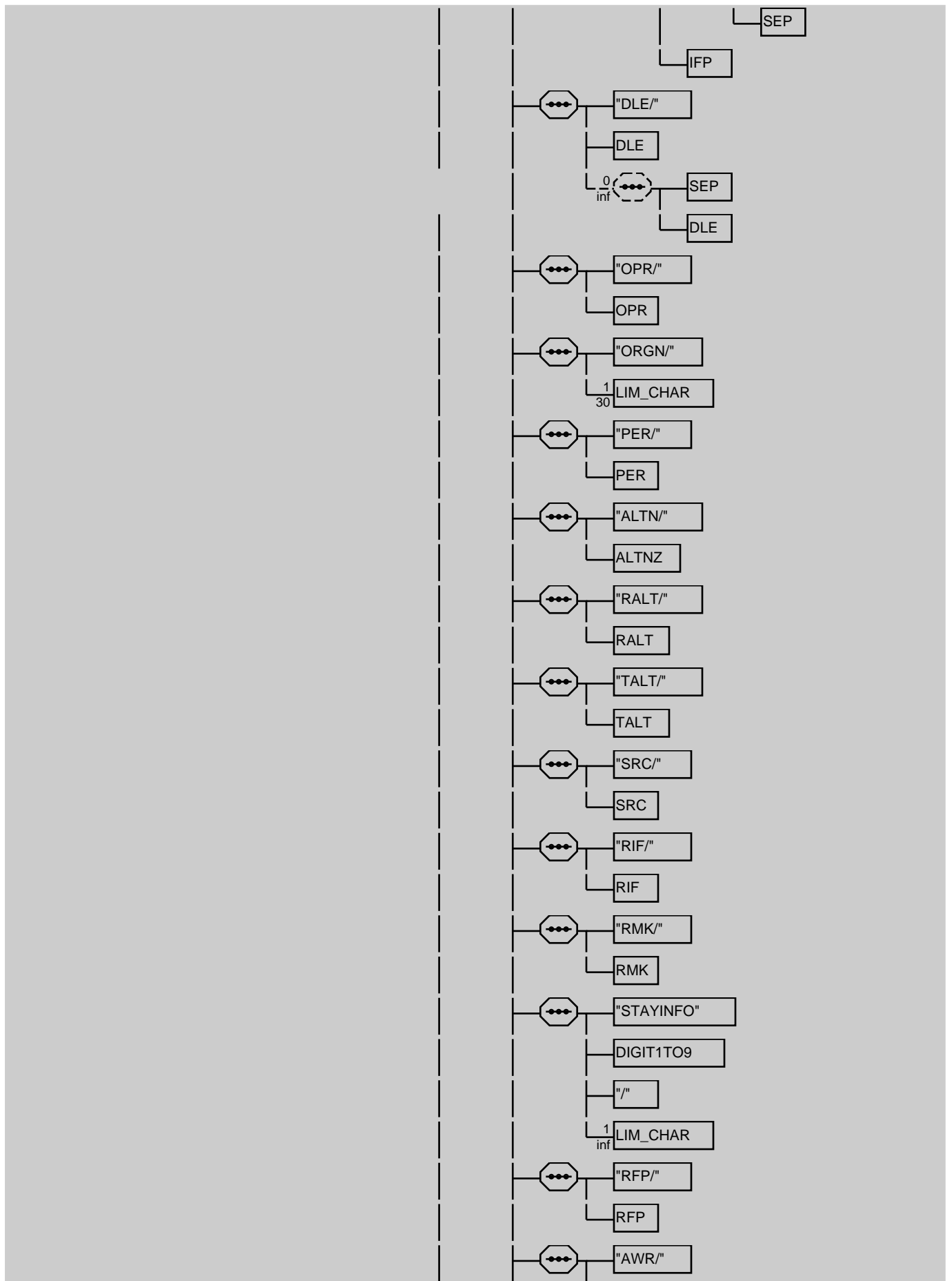
Value Definition:

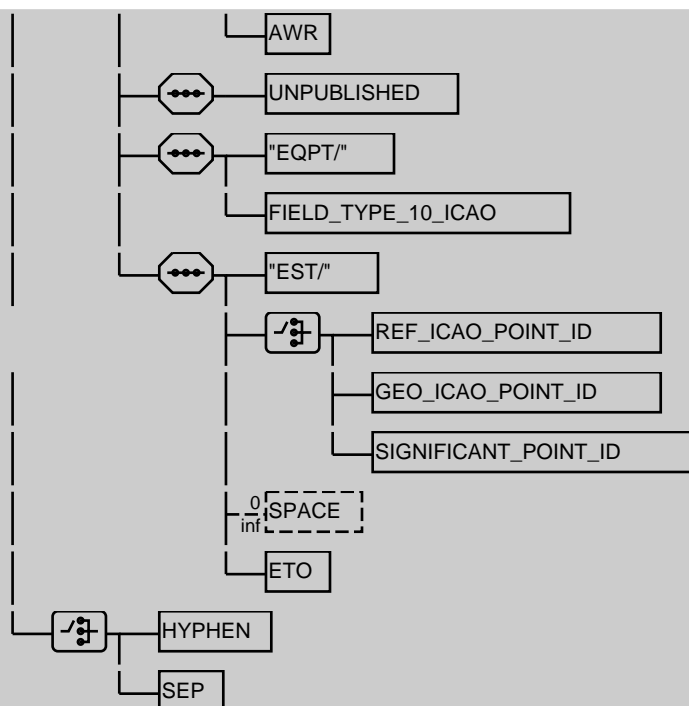
Consistency Rules:

1. No duplication of DEP/, DEST/, DOF/, OPR/, SEL/, REG/, RVR/, PBN/, CODE/, PER/ and RFP/ is accepted by IFPS. Duplication is allowed for the other subfields, if found more than once they are concatenated and output into one single field, except for STAYINFO. EET/, are output by IFPS in chronological order, earliest first.
2. On output, IFPS only inserts SPACE as the separator.
3. DOF/ is always included in field 18 output by the IFPS.
4. On output by IFPS, all UNPUBLISHED indicators are concatenated at the end of the field.
5. EQPT/ is only used by RPL system in IFPS_RPL_REMARK_RECORD.
6. EST/ is only used in FNM message.









PAR: [FIELD_TYPE_22_ICAO](#) (37) | [ICAO_AFP_MESSAGE](#) (20) | [ICAO_APL_MESSAGE](#) (21) | [ICAO_CHG_MESSAGE](#) (23) | [ICAO_CNL_MESSAGE](#) (24) | [ICAO_DEP_MESSAGE](#) (24) | [ICAO_DLA_MESSAGE](#) (25) | [ICAO_FNM_MESSAGE](#) (25) | [ICAO_FPL_MESSAGE](#) (26) | [ICAO_RQP_MESSAGE](#) (27) | [IFPS_RPL_FILE_WITH_DELIMITER](#) (155) | [IFPS_RPL_REMARK_RECORD](#) (158)

FIELD_TYPE_18_NIL

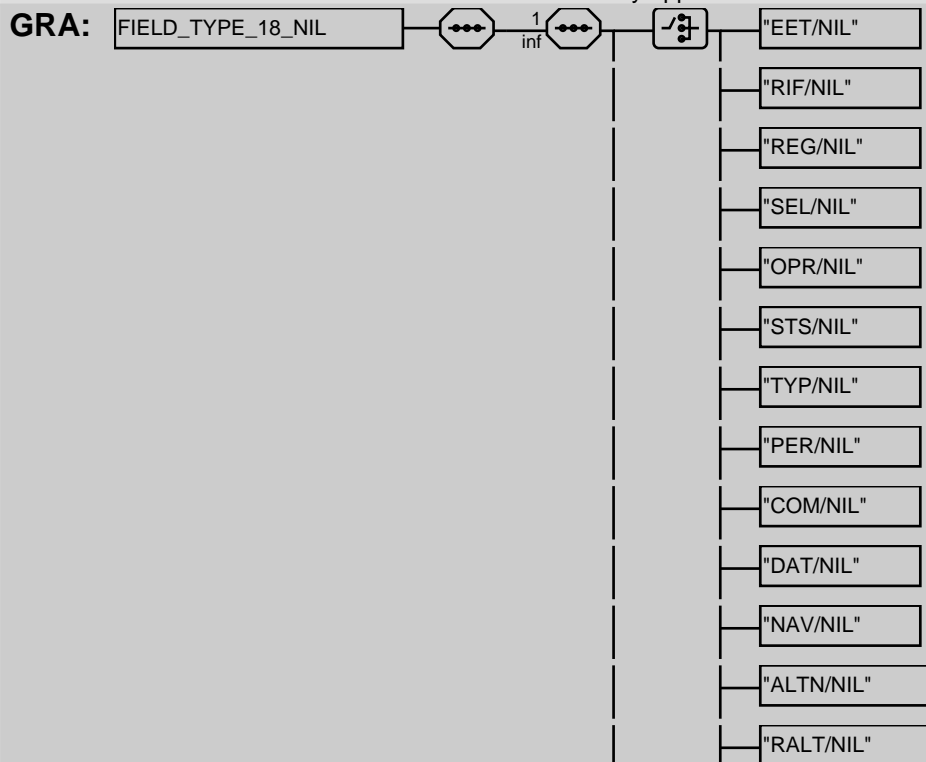
BNF: 1{ ["EET/NIL" | "RIF/NIL" | "REG/NIL" | "SEL/NIL" | "OPR/NIL" | "STS/NIL" | "TYP/NIL" | "PER/NIL" | "COM/NIL" | "DAT/NIL" | "NAV/NIL" | "ALTN/NIL" | "RALT/NIL" | "RVR/NIL"] + [[SEP](#) | "-"] }

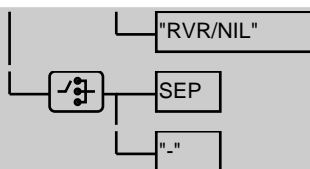
DOC: Detailed Definition: For each of the subset of the ICAO fields type 18, has the effect of cancelling any exiting value.;

Value Definition:

Consistency Rules:

1. Only valid in field ICAO 22. 2. Only valid when there is an existing value. 3. Each can only appear once.





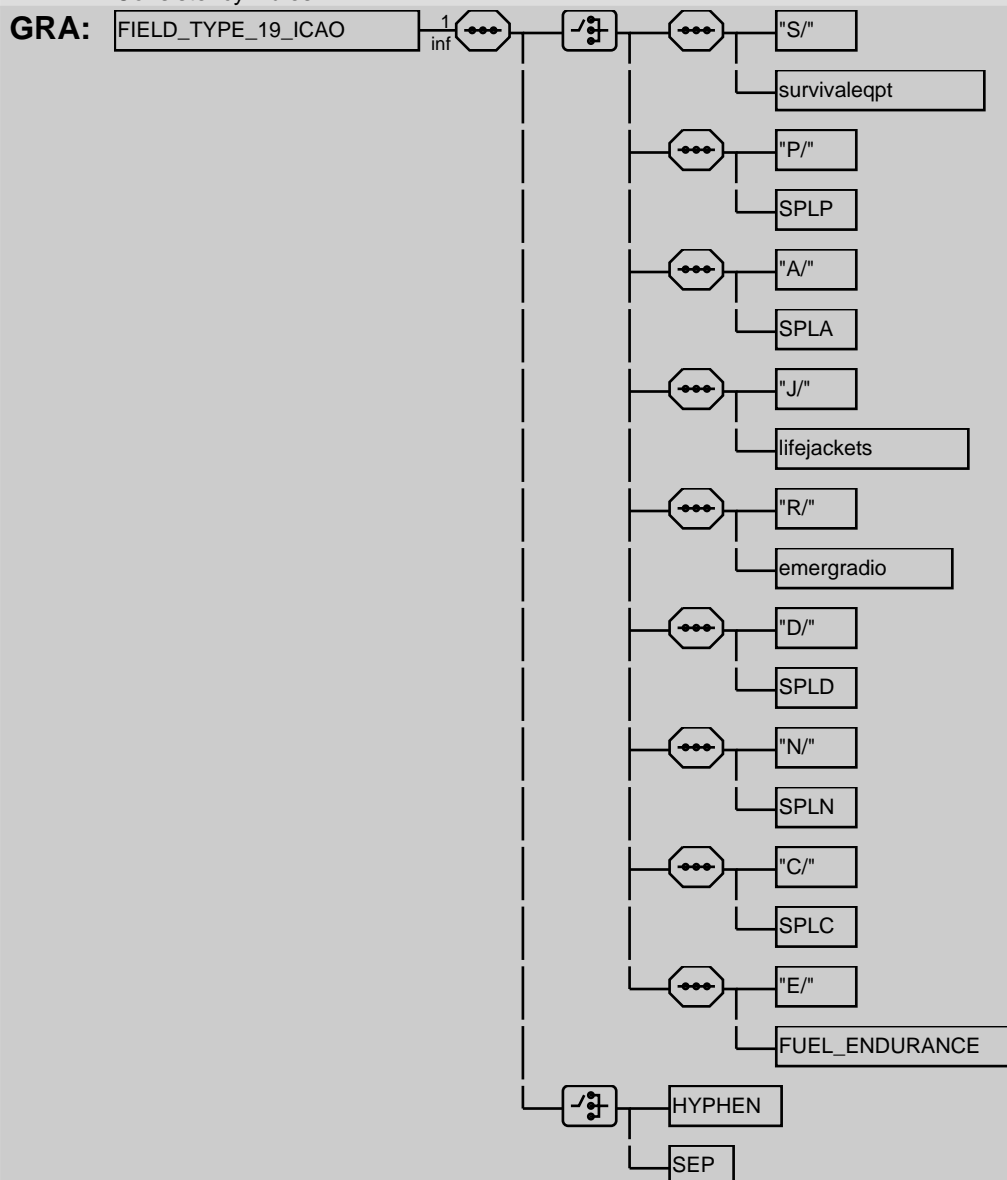
PAR: [FIELD_TYPE_22_ICAO](#) (37)

FIELD_TYPE_19_ICAO

BNF: 1{ ["S/" + [surviveqpt](#) | "P/" + [SPLP](#) | "A/" + [SPLA](#) | "J/" + [lifejackets](#) | "R/" + [emergradio](#) | "D/" + [SPLD](#) | "N/" + [SPLN](#) | "C/" + [SPLC](#) | "E/" + [FUEL_ENDURANCE](#)] + [[HYPHEN](#) | [SEP](#)] }

DOC: Detailed Definition: ICAO fields type 19. Field 19 describes supplementary data about the aircraft.;

Value Definition:
Consistency Rules:



PAR: [FIELD_TYPE_22_ICAO](#) (37) | [ICAO_FPL_MESSAGE](#) (26) | [IFPS_RPL_FILE_WITH_DELIMITER](#) (155) | [IFPS_RPL_REMARK_RECORD](#) (158)

FIELD_TYPE_19_NIL

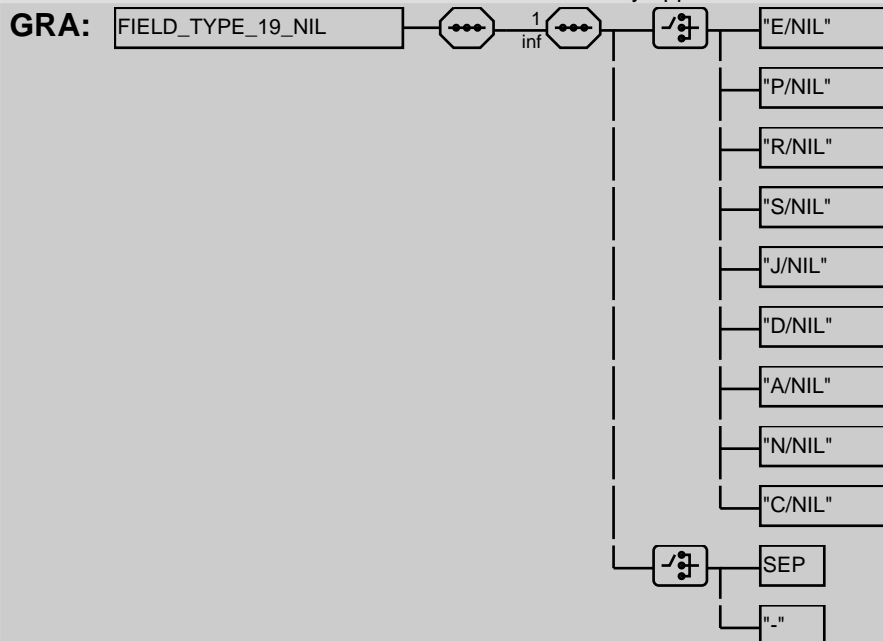
BNF: 1{ ["E/NIL" | "P/NIL" | "R/NIL" | "S/NIL" | "J/NIL" | "D/NIL" | "A/NIL" | "N/NIL" | "C/NIL"] + [[SEP](#) | "-"] }

DOC: Detailed Definition: For each of the subset of the combined ICAO fields type 19, has the effect of cancelling any exiting value.;

Value Definition:

Consistency Rules:

1. Only valid in field ICAO 22. 2. Only valid when there is an existing value. 3. Each can only appear once.

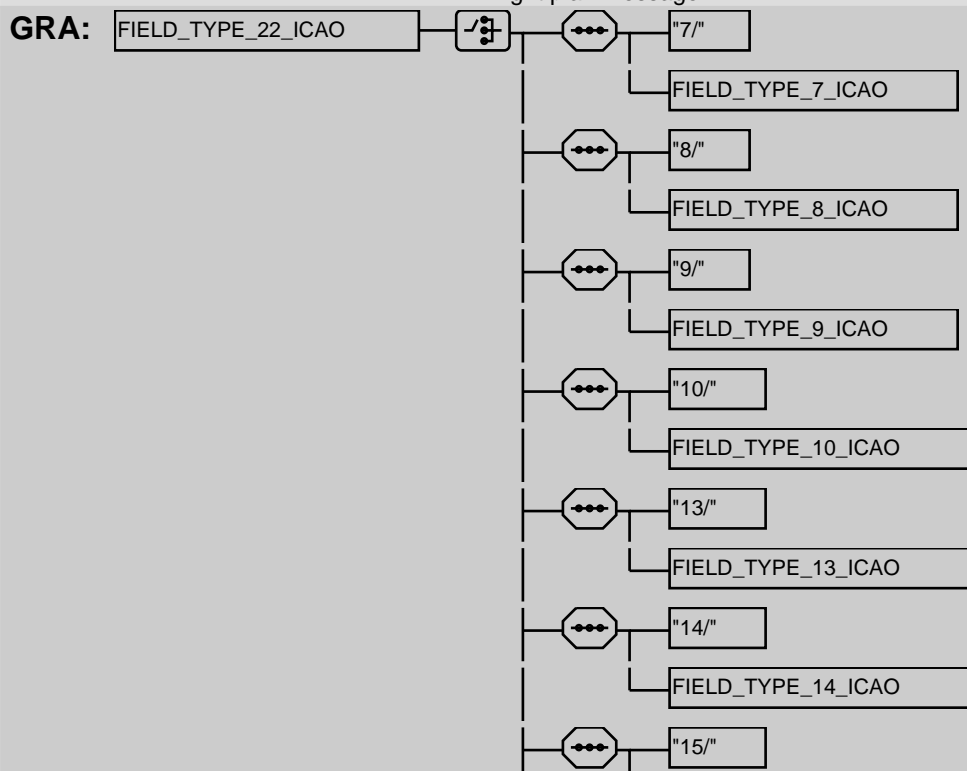


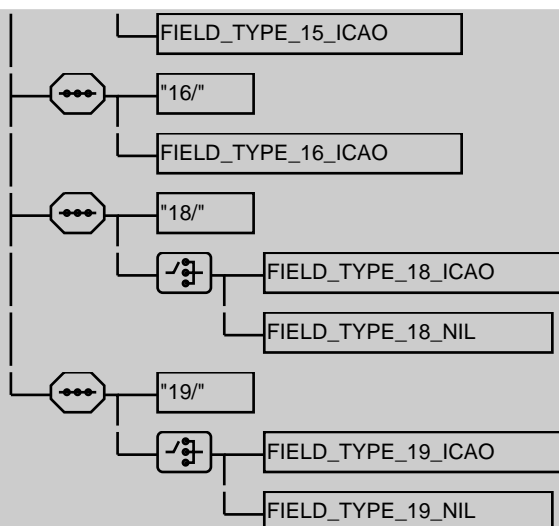
PAR: FIELD_TYPE_22_ICAO (37)

FIELD_TYPE_22_ICAO

BNF: ["7/" + FIELD_TYPE_7_ICAO | "8/" + FIELD_TYPE_8_ICAO | "9/" + FIELD_TYPE_9_ICAO | "10/" + FIELD_TYPE_10_ICAO | "13/" + FIELD_TYPE_13_ICAO | "14/" + FIELD_TYPE_14_ICAO | "15/" + FIELD_TYPE_15_ICAO | "16/" + FIELD_TYPE_16_ICAO | "18/" + [FIELD_TYPE_18_ICAO | FIELD_TYPE_18_NIL] | "19/" + [FIELD_TYPE_19_ICAO | FIELD_TYPE_19_NIL]]

DOC: Detailed Definition: ICAO field type 22. Describes amendments of other ICAO fields.;
Consistency Rules: 1. Within field 13, only field 13B can be changed. In this case, field 13A must be supplied and must have the same value as the corresponding flightplan message. 2. Within field 7, only field 7BC can be changed. In this case, field 7A must be supplied and must have the same value as the corresponding flight plan message.



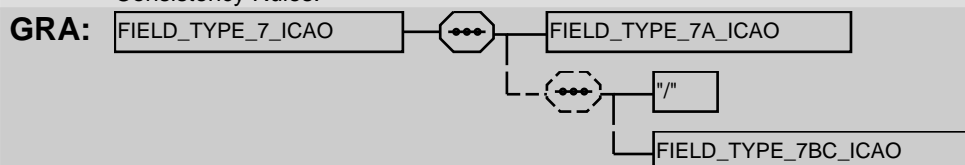


PAR: ICAO_ACH_MESSAGE (20) | ICAO_CHG_MESSAGE (23)

FIELD TYPE 7 ICAO

BNF: FIELD_TYPE 7A ICAO + ("/" + FIELD_TYPE 7BC ICAO)

DOC:	Detailed Definition:	ICAO field type 7. Describes aircraft identification and SSR Mode and Code;
	Value Definition:	
	Consistency Rules:	

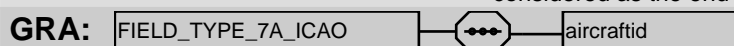


PAR: FIELD_TYPE_22_ICAO (37) | ICAO_ACH_MESSAGE (20) | ICAO_AFP_MESSAGE (20) | ICAO_APL_MESSAGE (21) | ICAO_ARR_MESSAGE (22) | ICAO_CHG_MESSAGE (23) | ICAO_CNL_MESSAGE (24) | ICAO_DEP_MESSAGE (24) | ICAO_DLA_MESSAGE (25) | ICAO_FNM_MESSAGE (25) | ICAO_FPL_MESSAGE (26) | ICAO_MFS_MESSAGE (27) | ICAO_RQP_MESSAGE (27)

FIELD_TYPE_7A_ICAO

BNE- aircraftid

DOC:	Detailed Definition: Value Definition: Consistency Rules: Auto Correction Rules:	ICAO field type 7A. Describes aircraft identification; When input by IFPS and in the context of this element, allspaces within aircraftid definition are ignored, except when following character is the start of FIELD_TYPE_8_ICAO or FIELD_TYPE_9_ICAO. In this case, the space is considered as the end of FIELD_TYPE_7A_ICAO.
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PAR: FIELD_TYPE_7_ICAO (38)

FIELD TYPE 7BC ICAO

BNF: SSRCODE

DOC:	Detailed Definition:	ICAO field type 7BC. Describes SSR mode and SSR code;
	Value Definition:	
	Consistency Rules:	

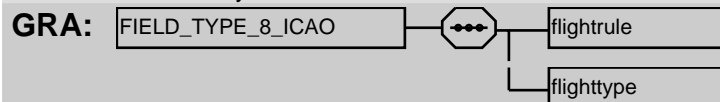


PAR: FIELD_TYPE_7_ICAO (38)

FIELD TYPE 8 ICAO

BNF: flightrule + flighttype

DOC: Detailed Definition: ICAO field type 8. Describes flightrules and type of flight;
Value Definition:
Consistency Rules:



PAR: [FIELD_TYPE_22_ICAO](#) (37) | [ICAO_AFP_MESSAGE](#) (20) | [ICAO_APL_MESSAGE](#) (21) | [ICAO_FPL_MESSAGE](#) (26)

FIELD_TYPE_9_ICAO

BNF: ([NUMBER_OF_AIRCRAFT](#)) + [AIRCRAFT_TYPE_ICAO](#) + ("/" + [WAKE_TURBULENCE_CATEGORY](#))

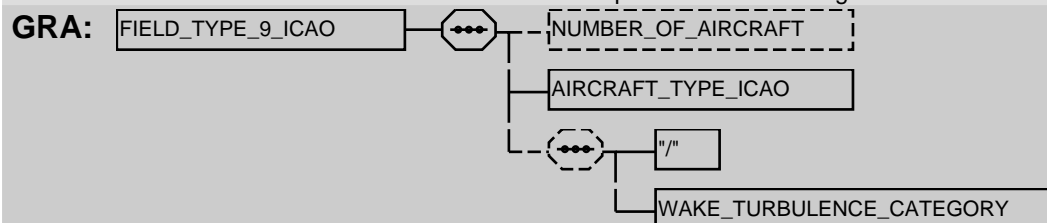
DOC: Detailed Definition: ICAO field type 9. Describes number and type of aircraft and wake turbulence category;

Value Definition:

Consistency Rules:

Auto Correction Rules:

1) On input by IFPS, when the single hyphen indicating the start of the next field is found and the penultimate character is neither an oblique stroke nor an alphanumeric character, it is replaced by an oblique stroke, and when the oblique stroke is missing, it is inserted. 2) On input by IFPS, when an oblique stroke is found and the second character after it is not a single hyphen, two cases are considered: a) if the second character is not alphanumeric, it is replaced by a single hyphen. For example: A300/M S is changed in A300/M-S. b) if the second character is alphanumeric, a single hyphen is inserted before it. For example A300/MS is changed in A300/M-S.



PAR: [FIELD_TYPE_22_ICAO](#) (37) | [ICAO_AFP_MESSAGE](#) (20) | [ICAO_APL_MESSAGE](#) (21) | [ICAO_FNM_MESSAGE](#) (25) | [ICAO_FPL_MESSAGE](#) (26) | [ICAO_MFS_MESSAGE](#) (27)

ADEXP flight plan and associated messages

Introduction

- (1) This chapter describes flight plan and associated messages that can be exchanged with IFPS in ADEXP format.
- (2) The ADEXP format is a standard format for message exchange which has been developed and maintained by EUROCONTROL.
- (3) The following ICAO messages have a direct ADEXP equivalent: FPL (IFPL), CHG (ICHG), CNL (ICNL), ARR (IARR), DEP (IDEP), DLA (IDLA), AFP (IAFP), APL (IAPL), ACH (IACH), RQP (IRQP).

ADEXP messages

ADEXP_IACH_MESSAGE_OUTPUT

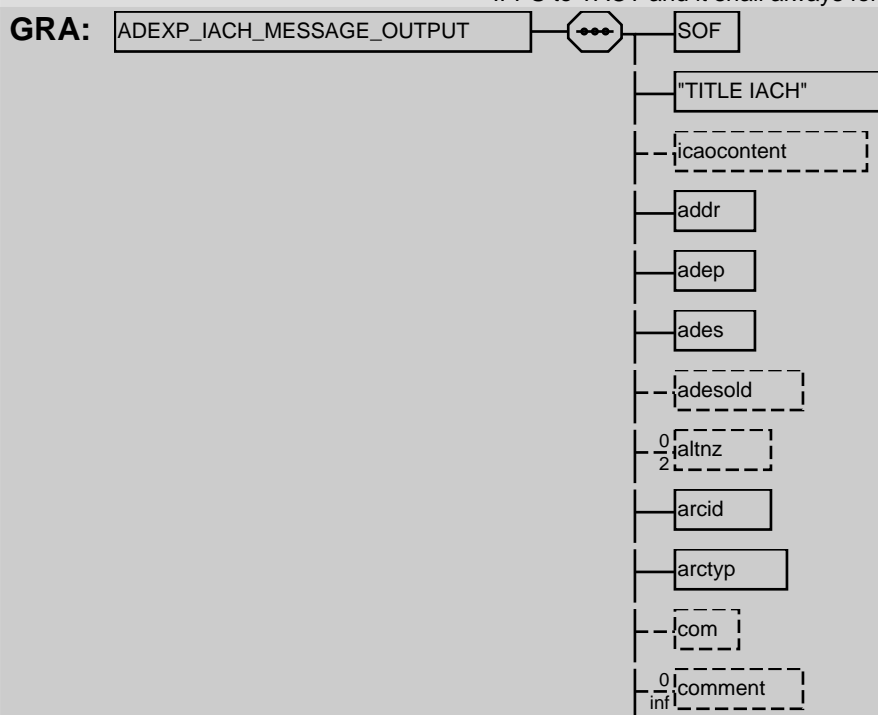
BNF: `SOF + "TITLE IACH" + {icaocontent} + addr + adep + ades + {adesold} + 0{ altnz }2 + arcid + arctyp + {com} + 0{ comment } + {dat} + {depz} + {destz} + eobd + eobt + filtim + {ifp} + ifplid + {nav} + {nbarc} + {opr} + {aoarcid} + {aoopr} + {ceqpt} + {seqpt} + {orgnid} + {origin} + {per} + {ralt} + {arcaddr} + {reg} + {rmk} + {rvr} + {sel} + {src} + {ssrcode} + 0{ sts } + 0{ eur } + {pbn} + {sur} + {talt} + {dle} + {typz} + wktrc + {awr} + {rfp} + {tleet} + {fltrul} + {flttyp} + {altrnt1} + {altrnt2} + {estdata} + 0{ eetfir } + 0{ eetlat } + 0{ eetlong } + 0{ eetpt } + {rif} + 0{ geo } + 0{ ref } + 0{ rename } + {route} + 0{ stay } + 0{ stayinfo } + 1{ rfl } + 1{ [speed | mach] } + {rtepts} + {sid} + {entrydata} + 0{ atsrt } + 0{ dct } + 0{ chgrul } + 0{ crsclimb } + {star} + 0{ IFPSTART } + 0{ IFPSTOP } + 0{ IGNORE_ERROR }`

DOC: Detailed Definition: ADEXP ATC Change message as output by IFPS and as agreed by the FD-FM.;

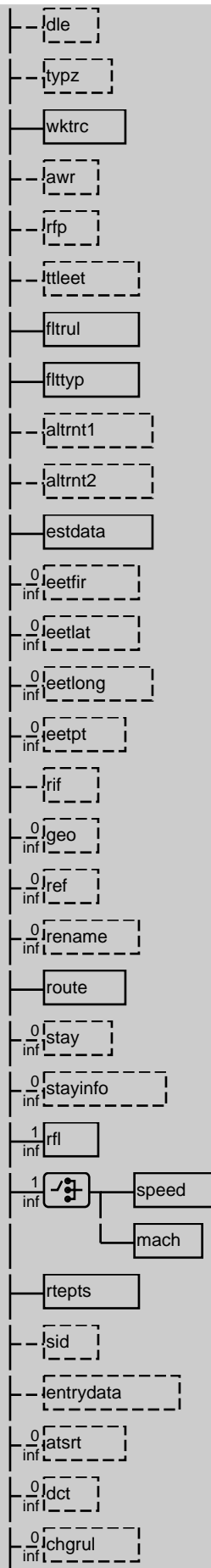
Value Definition:

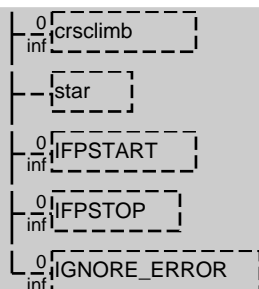
Consistency Rules:

1. The order of fields in the message shall not be relevant to determine its legality, except for the first field (mandatory title field) which determines the allowed fields (see EUROCONTROL STANDARD DOCUMENT for ATS Data Exchange Presentation, ADEXP principle).
2. Each one of the fields is followed by an end of line indication, which is a CR+CR+LF.
3. Loose concatenation applies.
4. Options IFPSTART, IFPSTOP, IGNORE_ERROR are only possible within the context of ADEXP output to TACT.
5. If there is only one occurrence of rfl, this is the initial requested flight level.
6. If there is only one occurrence of speed or mach, this is the initial requested speed or mach for the flight.
7. The icaocontent field shall be present only in message send from IFPS to TACT and it shall always follow the TITLE field.



-|dat
 -|depz
 -|destz
 -|eobd
 -|eobt
 -|filtim
 -|lfp
 -|ifplid
 -|nav
 -|nbarc
 -|opr
 -|aoarcid
 -|aoopr
 -|ceqpt
 -|seqpt
 -|orgnid
 -|origin
 -|per
 -|ralt
 -|arcaddr
 -|reg
 -|rmk
 -|rvr
 -|sel
 -|src
 -|ssrcode
 -|⁰_{inf}sts
 -|⁰_{inf}eur
 -|pbn
 -|sur
 -|talt





PAR: IFPS_TO_EXT (17) | IFPS_TO_TACT (18)

ADEXP_IAFP_MESSAGE_INPUT

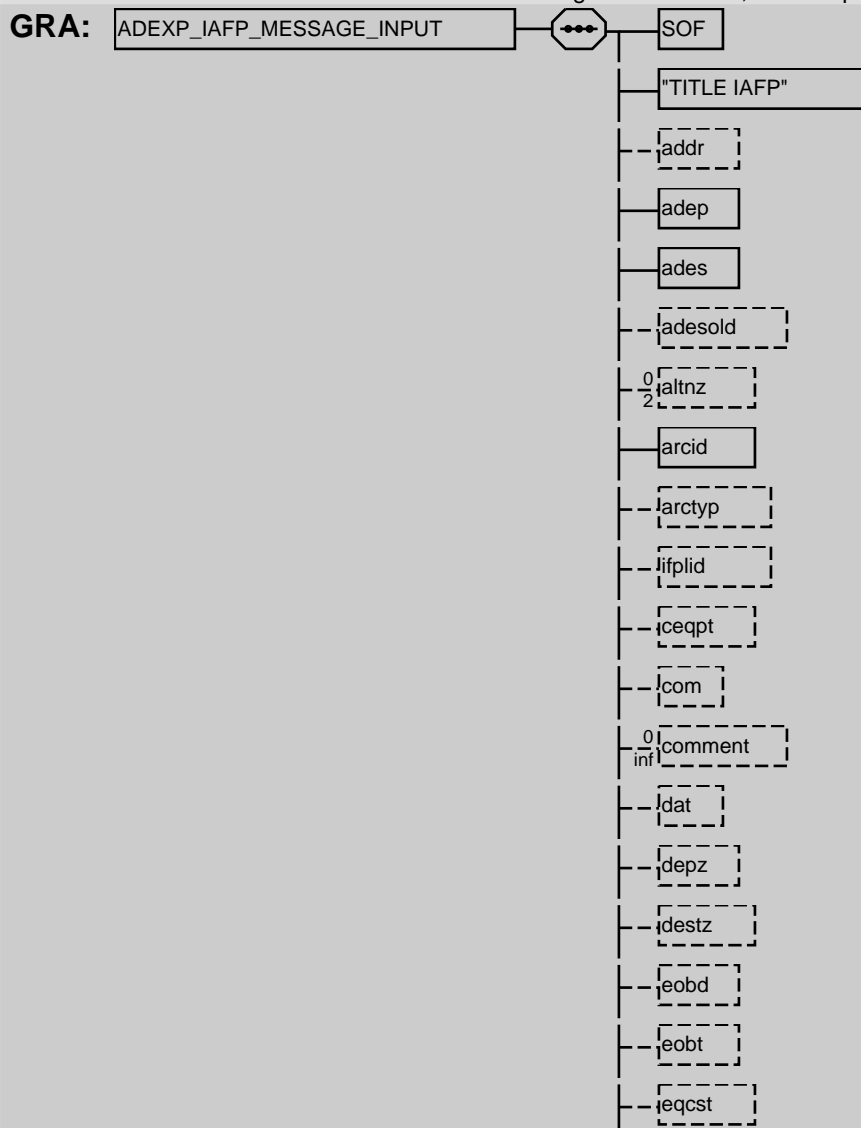
BNF: SOF + "TITLE IAFP" + (addr) + adep + ades + (adesold) + 0{ altnz }2 + arcid + (arctyp) + (ifplid) + (ceqpt) + (com) + 0{ comment } + (dat) + (depz) + (destz) + (eobd) + (eobt) + (eqcst) + (filitm) + 0{ ifp } + (nav) + (nbarc) + (opr) + (src) + (orgnid) + (origin) + (per) + (ralt) + (reg) + (rfp) + (rmk) + (rvr) + (seqpt) + (sel) + (spla) + (splc) + (spld) + (sple) + (spli) + (spln) + (splp) + (splr) + (spls) + (ssrcode) + 0{ sts } + 0{ eur } + (pbn) + (sur) + (talt) + (dle) + (typz) + (wktrc) + (tleet) + (fltrul) + (flttyp) + (altrnt1) + (altrnt2) + estdata + 0{ eetfir } + 0{ eetlat } + 0{ eetlong } + 0{ eetpt } + (rif) + 0{ geo } + 0{ ref } + 0{ rename } + (route) + 0{ stay } + 0{ stayinfo } + 0{ rfl } + 0{ [speed | mach] } + (rtepts) + (sid) + 0{ atsrt } + 0{ dct } + 0{ chgrul } + 0{ crsclimb } + (star)

DOC: Detailed Definition: ADEXP ATC flightplan proposal message ;

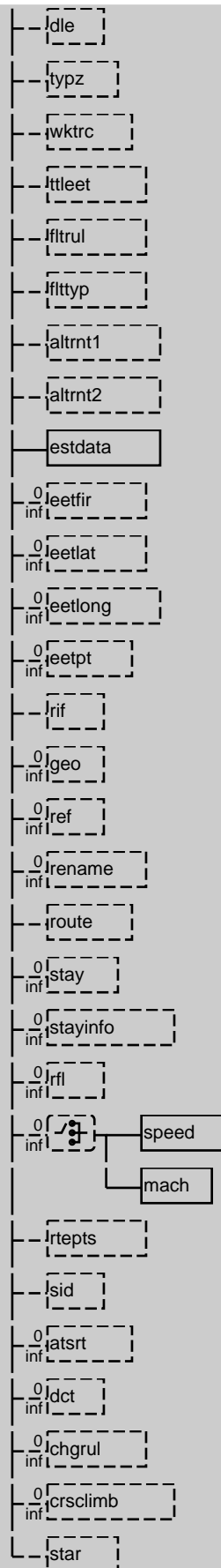
Value Definition:

Consistency Rules:

1.The order of fields in the message shall not be relevant to determine its legality, except for the first field (mandatory title field) which determines the allowed fields (see EUROCONTROL STANDARD DOCUMENT for ATS Data Exchange Presentation, ADEXP principle). 2.Loose concatenation applies



—	lftim
0	lfp
inf	
—	nav
—	nbarc
—	opr
—	src
—	orgnid
—	origin
—	per
—	ralt
—	reg
—	rfp
—	rmk
—	rvr
—	seqpt
—	sel
—	spla
—	spic
—	spld
—	sple
—	splj
—	spln
—	splp
—	splr
—	spls
—	ssrcode
0	sts
inf	
0	eur
inf	
—	pbn
—	sur
—	talt



PAR: [EXT_TO_IFPS](#) (16)

ADEXP_IAPL_MESSAGE_OUTPUT

BNF: `SOF + "TITLE IAPL" + (icaocontent) + addr + adep + ades + (adesold) + 0{ altnz }2 + arcid + arctyp + ceqpt + (com) + 0{ comment } + (dat) + (depz) + (destz) + eobd + eobt + filtim + (ifp) + ifplid + (nav) + (nbarc) + (opr) + (aoarcid) + (aoopr) + (orgnid) + (origin) + (per) + (ralt) + (arcaddr) + (reg) + (rmk) + (rvr) + seqpt + (sel) + src + (ssrcode) + 0{ sts } + 0{ eur } + (pbn) + (sur) + (talt) + (dle) + (typz) + wktcr + (awr) + (rfp) + (tleet) + fltrul + flttyp + (altrnt1) + (altrnt2) + estdata + 0{ eetfir } + 0{ eetlat } + 0{ eetlong } + 0{ eetpt } + (rif) + 0{ geo } + 0{ ref } + 0{ rename } + route + 0{ stay } + 0{ stayinfo } + 1{ rfl } + 1{ [speed | mach] } + rtepts + (sid) + (entrydata) + 0{ atsrt } + 0{ dct } + 0{ chgrul } + 0{ crsclimb } + (star) + 0{ IFPSTART } + 0{ IFPSTOP } + 0{ IGNORE_ERROR }`

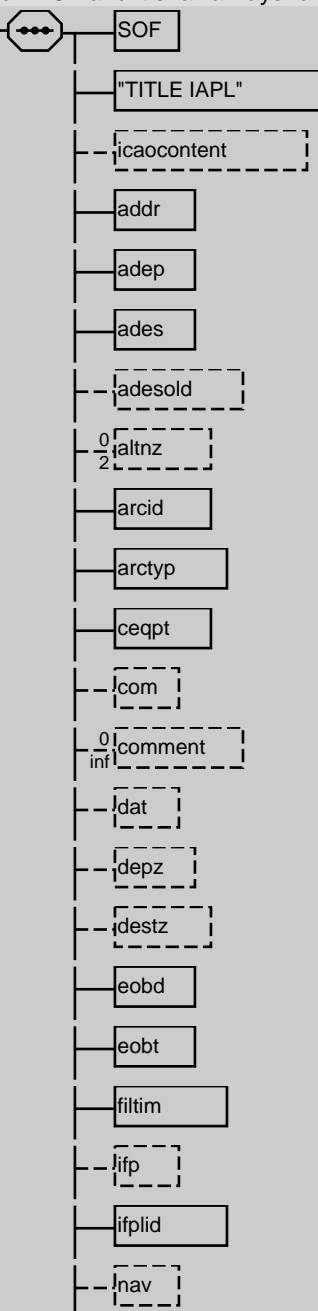
DOC: Detailed Definition: ADEXP ATC flightplan as output by IFPS and as agreed by the FDFM;

Value Definition:

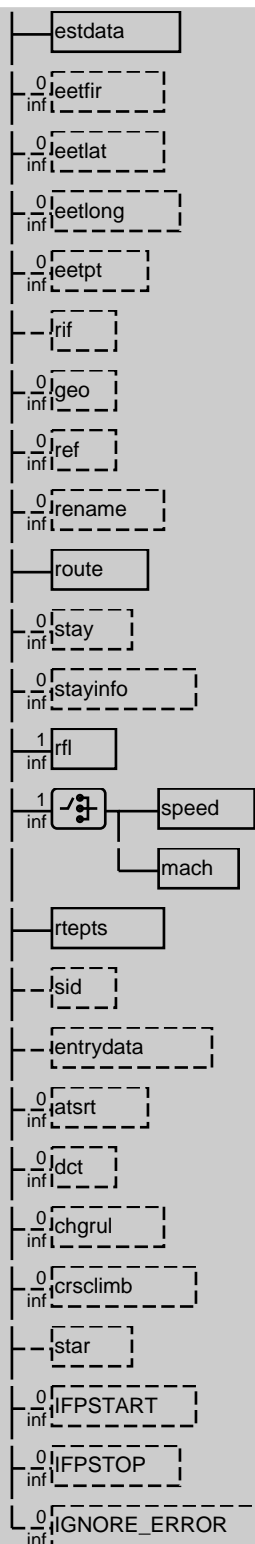
Consistency Rules:

1. The order of fields in the message shall not be relevant to determine its legality, except for the firstfield (mandatory titlefield) which determines the allowed fields (see EUROCONTROL STANDARD DOCUMENT for ATS Data Exchange Presentation, ADEXP principle). 2. Each one of the fields is followed by an end of line indication, which is a CR+CR+LF. 3. Loose concatenation applies. 4. Options IFPSTART, IFPSTOP, IGNORE_ERROR are only possible within the context of ADEXP output to TACT. 5. Ifthere is only one occurrence of rfl,this is the initialrequested flight level. 6. Ifthere is only one occurrence of speed or mach, this is the initialrequested speed or mach for the flight. 7. The icaocontent field shall be present only in message send from IFPS to TACT and it shall always folow the TITLE field.

GRA: ADEXP_IAPL_MESSAGE_OUTPUT



-	inbarc
-	lopr
-	aoarcid
-	aoopr
-	lorgnid
-	lorigin
-	lper
-	lalt
-	larcaddr
-	lreg
-	lrmk
-	lrvr
-	seqpt
-	lsel
-	src
-	ssrcode
-	0 _{inf} sts
-	0 _{inf} eur
-	lpgn
-	lsur
-	ltalt
-	ldle
-	ltypz
-	wktrc
-	lawr
-	lrfp
-	lttleet
-	fltrul
-	flttyp
-	altmnt1
-	altmnt2



PAR: [IFPS_TO_EXT](#) (17) | [IFPS_TO_TACT](#) (18)

ADEXP_IARR_MESSAGE_INPUT

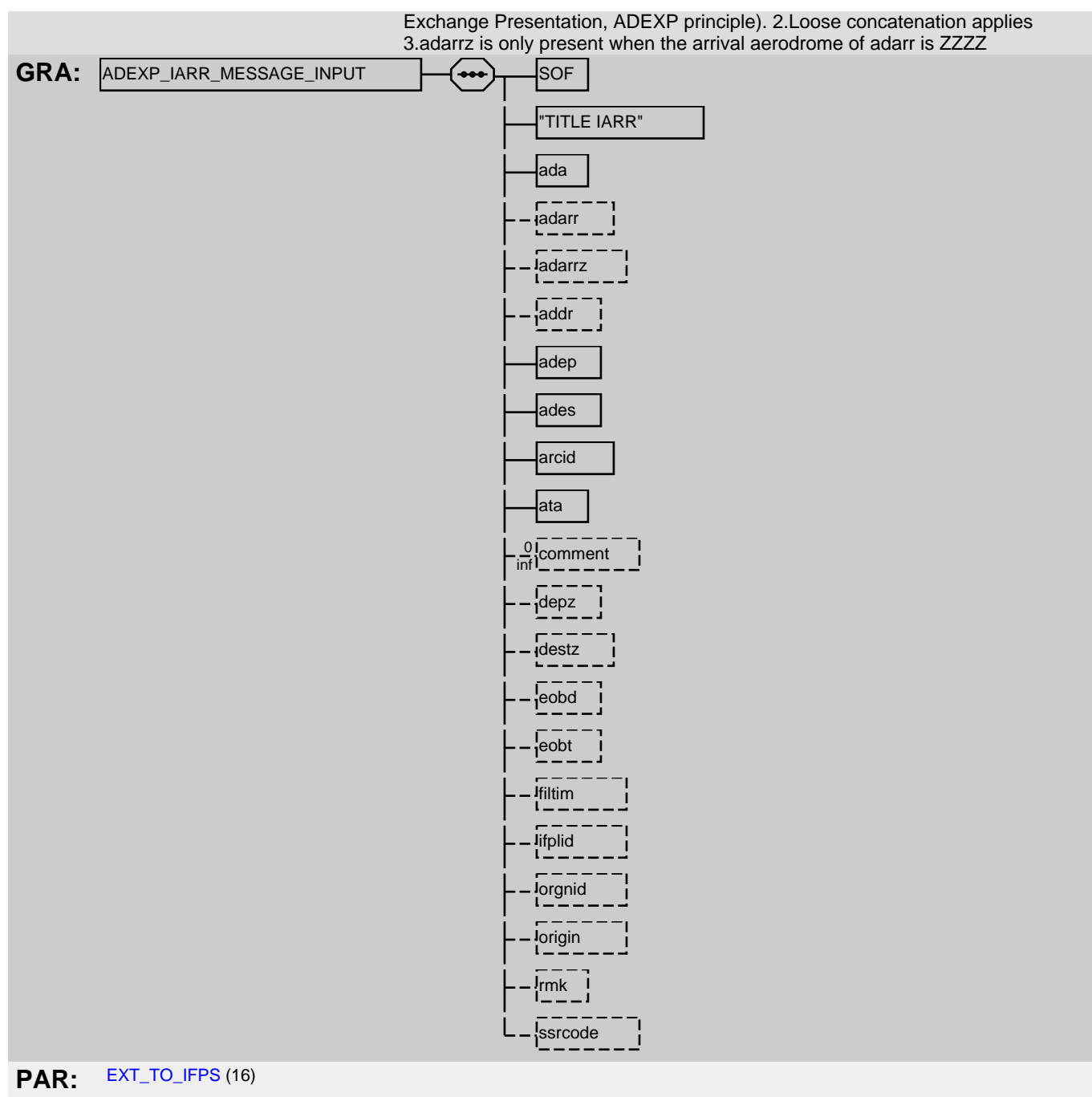
BNF: [SOF](#) + "TITLE IARR" + [ada](#) + ([adarr](#)) + ([adarrz](#)) + ([addr](#)) + [adep](#) + [ades](#) + [arcid](#) + [ata](#) + 0{ [comment](#) } + ([depz](#)) + ([destz](#)) + ([eobd](#)) + ([eobt](#)) + ([filim](#)) + ([ifplid](#)) + ([orgnid](#)) + ([origin](#)) + ([rmk](#)) + ([ssrcode](#))

DOC: Detailed Definition: ADEXP arrival message as accepted in input by IFPS. Indicates that the aircraft concerning the specified flight has arrived at the arrival aerodrome;

Value Definition:

Consistency Rules:

1. The order of fields in the message shall not be relevant to determine its legality, except for the firstfield (mandatory titlefield) which determines the allowed fields (see EUROCONTROL STANDARD DOCUMENT for ATS Data



ADEXP_IARR_MESSAGE_OUTPUT

BNF: `SOF + "TITLE IARR" + (icaocontent) + ada + (adarr) + (adarrz) + (arcaddr) + addr + adep + ades + arcid + ata + 0{comment} + (depz) + (destz) + eobd + eobt + filtim + ifplid + (orgnid) + (origin) + (rmk) + src + (ssrcode) + 0{IGNORE_ERROR}`

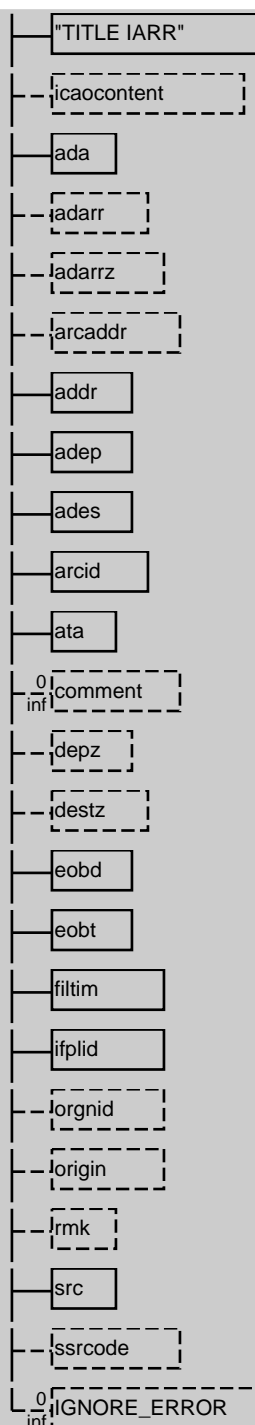
DOC: Detailed Definition: ADEXP arrival message as output by IFPS. Indicates that the aircraft concerning the specified flight has arrived at the arrival aerodrome;

Value Definition:

Consistency Rules:

1. The order of fields in the message shall not be relevant to determine its legality, except for the first field (mandatory title field) which determines the allowed field (see EUROCONTROL STANDARD DOCUMENT for ATS Data Exchange Presentation, ADEXP principle). 2. Each one of the fields is followed by an end of line indication, which is a CR+CR+LF. 3. Loose concatenation applies. 4. Option IGNORE_ERROR is only possible within the context of ADEXP output to TACT 5. The icaocontent field shall be present only in message send from IFPS to TACT and it shall always follow the TITLE field

GRA: ADEXP_IARR_MESSAGE_OUTPUT



PAR: IFPS_TO_EXT (17) | IFPS_TO_TACT (18)

ADEXP_ICHG_MESSAGE_INPUT

BNF: SOF + "TITLE ICHG" + (addr) + adep + ades + 0{ altnz }2 + arcid + (arctyp) + (ceqpt) + (com) + 0{ comment } + (dat) + (depz) + (destz) + (eobd) + (eobt) + (filtim) + 0{ ifp } + (ifplid) + (nav) + (nbarc) + (opr) + (orgnid) + (origin) + (per) + (ralt) + (arcaddr) + (reg) + (rmk) + (rvr) + (seqpt) + (sel) + (src) + (spla) + (spic) + (spld) + (sple) + (splj) + (spln) + (splp) + (splr) + (spls) + (ssrcode) + 0{ sts } + 0{ eur } + (pbn) + (sur) + (talt) + (dle) + (typz) + (wktrc) + (rfp) + (awr) + (tleet) + (fltrul) + (flttyp) + (altrnt1) + (altrnt2) + 0{ eetfir } + 0{ eetlong } + 0{ eetpt } + (rif) + 0{ geo } + 0{ ref } + 0{ rename } + [route | 1{ rfl } + 1{ [speed | mach] } + 0{ stay } + 0{ stayinfo } + rtepts + (sid) + 0{ atsrt } + 0{ dct } + 0{ chgrul } + 0{ crsclimb } + (star)]

DOC: Detailed Definition: ADEXP change message as accepted in input by IFPS. Indicates change in some data of the specified flight;

Value Definition:

Consistency Rules: 1.The order of fields in the message shall not be relevant to determine its legality, except for the first field (mandatory title field) which determines the al-

lowed fields(see EUROCONTROL STANDARD DOCUMENT for ATS Data Exchange Presentation, ADEXP principle). 2.Loose concatenation applies

GRA:

ADEXP_ICHG_MESSAGE_INPUT



SOF

"TITLE ICHG"

addr

adep

ades

$\frac{0}{2}$ altnz

arcid

arctyp

iceqpt

com

$\frac{0}{inf}$ comment

dat

depz

destz

eobd

eobt

ifilim

$\frac{0}{inf}$ iffp

ifplid

nav

nbarc

opr

orgnid

origin

per

ralt

arcaddr

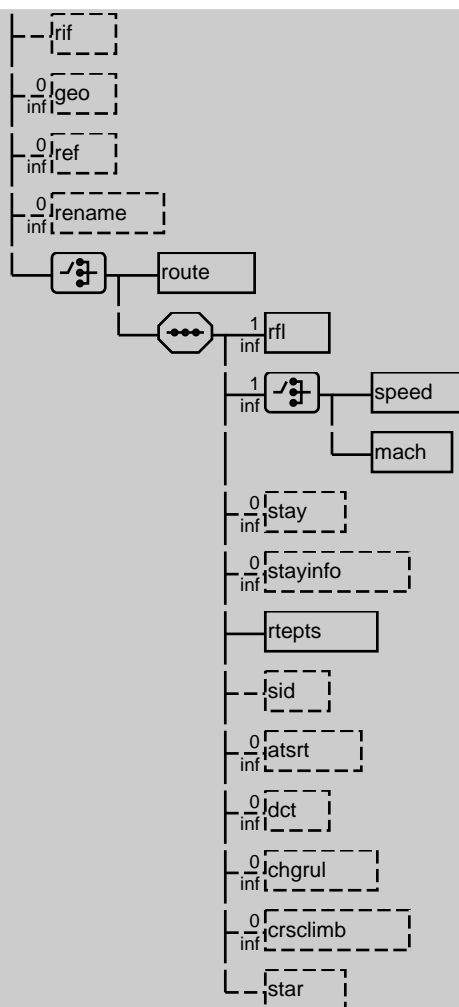
reg

rmk

rwr

seqpt

- sel
 - src
 - spla
 - splc
 - spld
 - sple
 - splj
 - spln
 - splp
 - splr
 - spls
 - ssrcode
 - ⁰_{inf} sts
 - ⁰_{inf} eur
 - pbn
 - sur
 - talt
 - dle
 - typz
 - wktrc
 - rfp
 - awr
 - ttleet
 - fltrul
 - flttyp
 - altrnt1
 - altrnt2
 - ⁰_{inf} eetfir
 - ⁰_{inf} eetlat
 - ⁰_{inf} eetlong
 - ⁰_{inf} eetpt



PAR: EXT_TO_IFPS (16) | FPM_REPLY_DATA (167)

ADEXP_ICHG_MESSAGE_OUTPUT

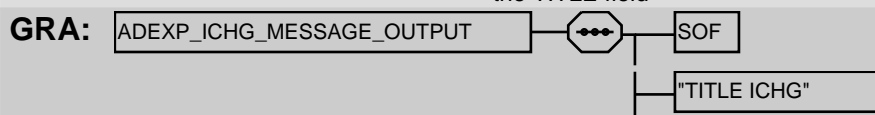
BNF: SOF + "TITLE ICHG" + (icaocontent) + addr + adep + ades + 0{ altzn }2 + arcid + arctyp + ceqpt + (com) + 0{ comment } + (dat) + (depz) + (destz) + eobd + eobt + filtim + (ifp) + ifplid + (nav) + (nbarc) + (opr) + (aoarcid) + (aoopr) + (orgnid) + (origin) + (per) + (ralt) + (arcaddr) + (reg) + (rmk) + (rvr) + seqpt + (sel) + src + (ssrcode) + 0{ sts } + 0{ eur } + (pbn) + (sur) + (talt) + (dle) + (typz) + wktrc + (rpf) + (awr) + ttleet + fltrul + flttyp + (altrnt1) + (altrnt2) + (afildata) + 0{ eetfir } + 0{ eetlat } + 0{ eetlong } + 0{ eetpt } + (rif) + 0{ geo } + 0{ ref } + 0{ rename } + route + 0{ stay } + 0{ stayinfo } + 1{ rfl } + 1{ [speed | mach] } + rtepts + (sid) + (entrydata) + 0{ atsrt } + 0{ dct } + 0{ chgrul } + 0{ crsclimb } + (star) + 0{ IFPSTART } + 0{ IFPSTOP } + 0{ IGNORE_ERROR } + (REVALIDATION_SUSPENSION)

DOC: Detailed Definition: ADEXP change message as output by IFPS. Indicates change in some data of the specified flight;

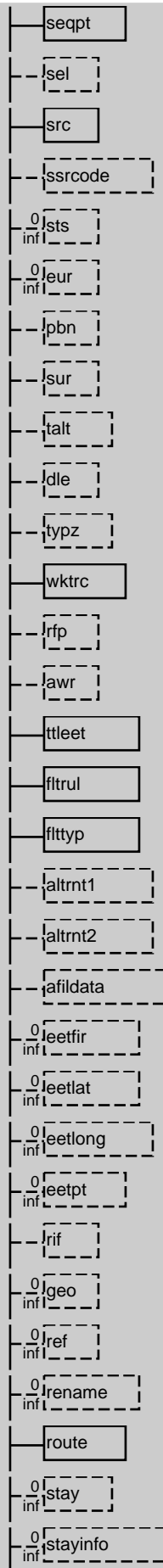
Value Definition:

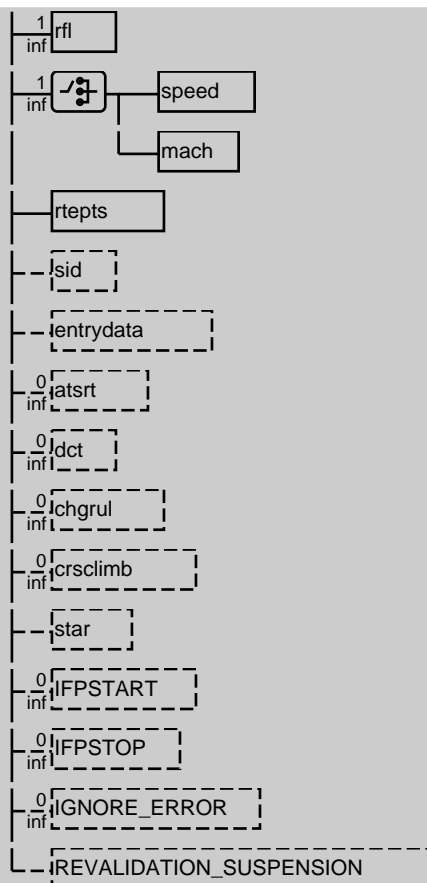
Consistency Rules:

1. The order of fields in the message shall not be relevant to determine its legality, except for first field (mandatory title field) which determines the allowed fields (see EUROCONTROL STANDARD DOCUMENT for ATS Data Exchange Presentation, ADEXP principle).
2. Each one of the fields is followed by an end of line indication, which is a CR+CR+LF.
3. Loose concatenation applies.
4. Options IFPSTART, IFPSTOP, IGNORE_ERROR, REVALIDATION_SUSPENSION are only possible within the context of ADEXP output to TACT.
5. If there is only one occurrence of rfl, this is the initial requested flight level.
6. If there is only one occurrence of speed or mach, this is the initial requested speed or mach for the flight;
7. In case of ICHG message generated by IFPS for FP Revalidation, the origin field contains the address of the last received message, not the address of IFPS.
8. The icaocontent field shall be present only in message send from IFPS to TACT and it shall always follow the TITLE field



	icaocontent
	addr
	adep
	ades
0 2	altnz
	arcid
	arctyp
	ceqpt
	com
0 inf	comment
	dat
	depz
	destz
	eobd
	eobt
	filtim
	ifp
	ifplid
	nav
	nbarc
	opr
	aoarcid
	aoopr
	orgnid
	origin
	per
	ralt
	arcaddr
	reg
	rmk
	rvr





PAR: [IFPS_TO_EXT](#) (17) | [IFPS_TO_TACT](#) (18)

ADEXP_ICNL_MESSAGE_INPUT

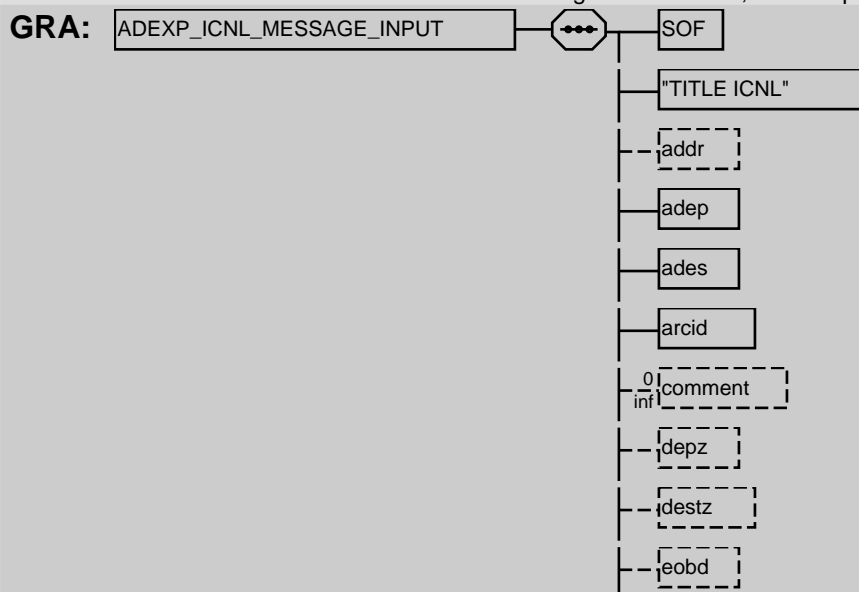
BNF: [SOF](#) + "TITLE ICNL" + ([addr](#)) + [adep](#) + [ades](#) + [arcid](#) + 0{ [comment](#) } + ([depz](#)) + ([destz](#)) + ([eobd](#)) + ([eobt](#)) + ([filtim](#)) + ([ifplid](#)) + ([orgnid](#)) + ([origin](#)) + ([rmk](#)) + ([ssrcode](#))

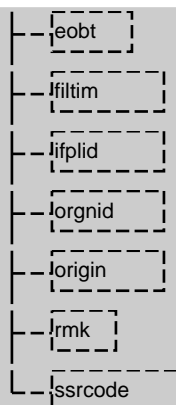
DOC: Detailed Definition: ADEXP cancel message as accepted in input by IFPS. Indicates cancellation of the specified flight;

Value Definition:

Consistency Rules:

1.The order of fields in the message shall not be relevant to determine its legality, except for the firstfield (mandatory title field) which determines the allowed fields (see EUROCONTROL STANDARD DOCUMENT for ATS Data Exchange Presentation, ADEXP principle). 2.Loose concatenation applies





PAR: EXT_TO_IFPS (16) | FPM_REPLY_DATA (167)

ADEXP_ICNL_MESSAGE_OUTPUT

BNF: SOF + "TITLE ICNL" + (icaocontent) + addr + adep + ades + arcid + 0{ comment } + (depz) + (destz) + eobd + eobt + ifltim + ifplid + (orgnid) + (origin) + (rmk) + src + (ssrcode) + (rfp) + (awr) + 0{ IGNORE_ERROR }

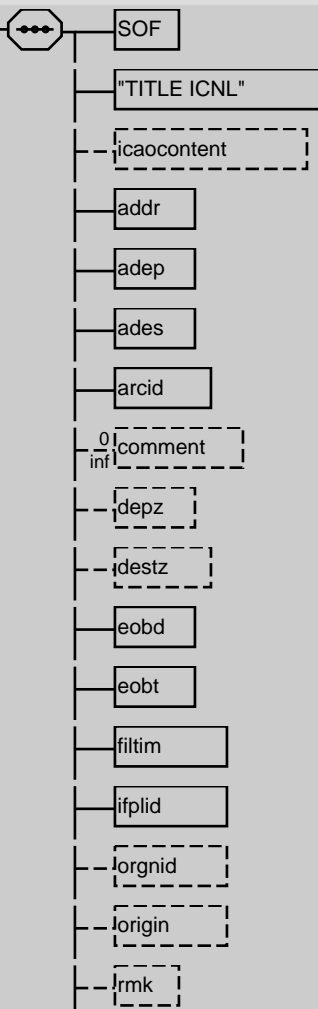
DOC: Detailed Definition: ADEXP cancel message as output by IFPS. Indicates cancellation of the specified flight;

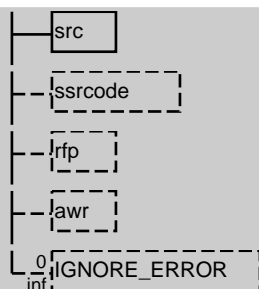
Value Definition:

Consistency Rules:

1. The order of fields in the message shall not be relevant to determine its legality, except for the first field (mandatory title field) which determines the allowed fields (see EUROCONTROL STANDARD DOCUMENT for ATS Data Exchange Presentation, ADEXP principle). 2. Each one of the fields is followed by an end of line indication, which is a CR+CR+LF. 3. Loose concatenation applies. 4. Option IGNORE_ERROR is only possible within the context of ADEXP output to TACT 5. The icaocontent field shall be present only in message sent from IFPS to TACT and it shall always follow the TITLE field

GRA: ADEXP_ICNL_MESSAGE_OUTPUT





PAR: IFPS_TO_EXT (17) | IFPS_TO_TACT (18)

ADEXP_IDEP_MESSAGE_INPUT

BNF: SOF + "TITLE IDEP" + add + (addr) + adep + ades + arcid + atd + 0{ comment } + (depz) + (destz) + (eobd) + (eobt) + (filitim) + (ifplid) + (orgnid) + (origin) + (rmk) + (ssrcode)

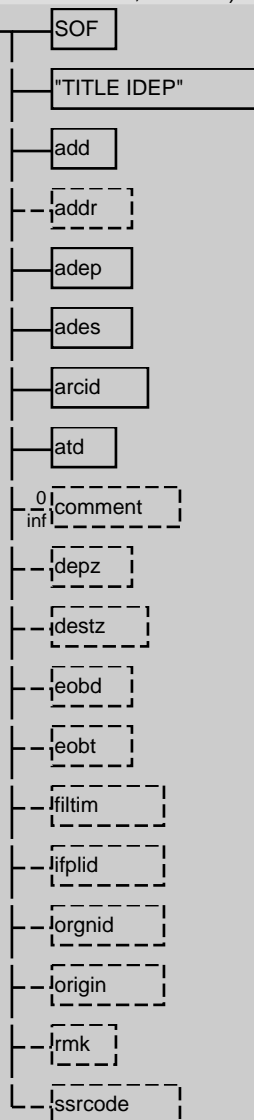
DOC: Detailed Definition: ADEXP departure message as accepted in input by IFPS. Indicates that the aircraft of the specified flight has departed;

Value Definition:

Consistency Rules:

1.The order of fields in the message shall not be relevant to determine its legality, except for the first field(mandatory title field)which determines the allowed fields (see EUROCONTROL STANDARD DOCUMENT for ATS Data Exchange Presentation, ADEXP). 2.Loose concatenation applies

GRA: ADEXP_IDEP_MESSAGE_INPUT



PAR: EXT_TO_IFPS (16)

ADEXP_IDEP_MESSAGE_OUTPUT

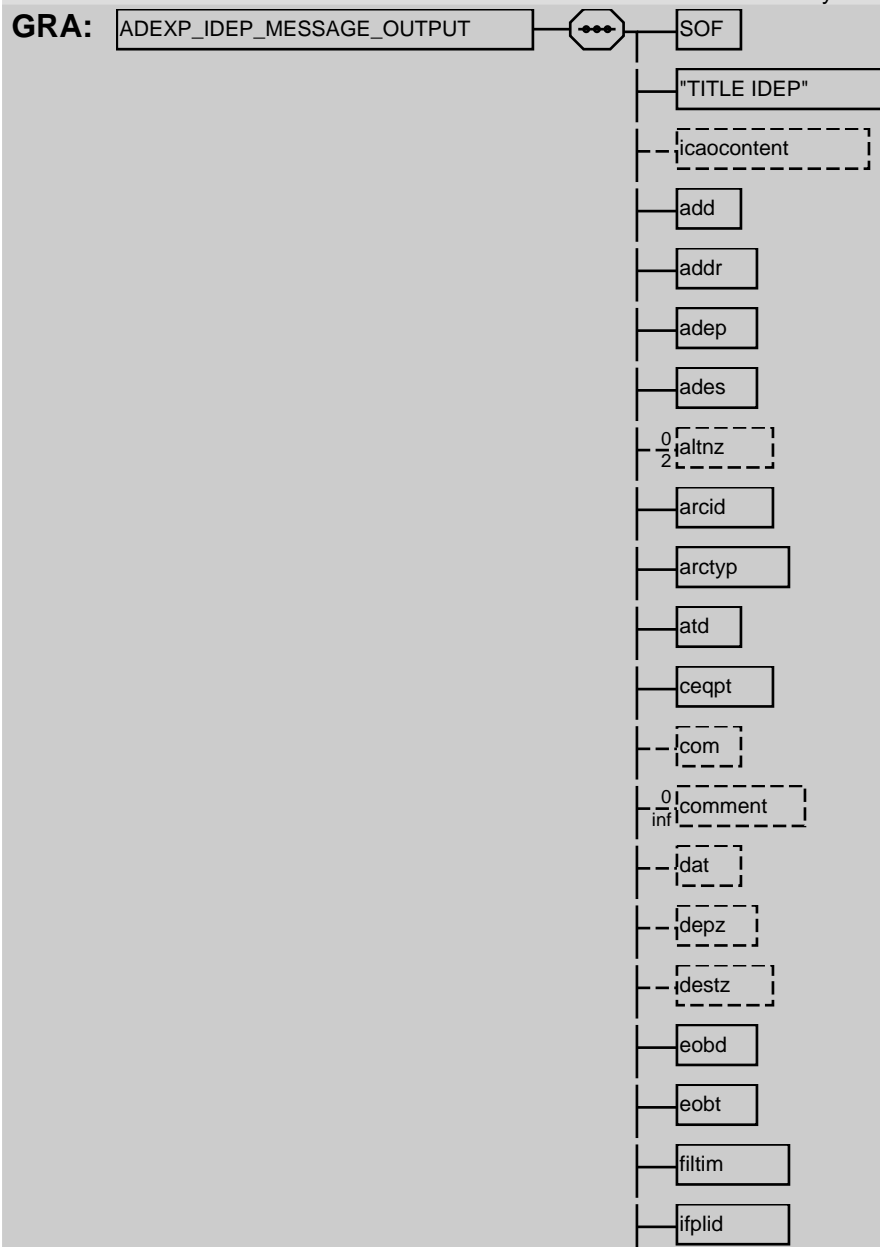
BNF: `SOF + "TITLE IDEP" + (icaocontent) + add + addr + adep + ades + 0{ altnz }2 + arcid + arctyp + atd + ceqpt + (com) + 0{ comment } + (dat) + (depz) + (destz) + eobd + eobt + filtim + ifplid + (nav) + (nbarc) + (opr) + (aoarcid) + (aooopr) + (orgnid) + (origin) + (per) + (ralt) + (arcaddr) + (reg) + (rmk) + (rvr) + seqpt + (sel) + src + (ssrcode) + 0{ sts } + 0{ eur } + (pbn) + (sur) + (talt) + (dle) + (typz) + wktrc + ttleet + fltrul + flttyp + (altrnt1) + (altrnt2) + (afildata) + 0{ eetfir } + 0{ eetlat } + 0{ eetlong } + 0{ eetpt } + (rif) + 0{ geo } + 0{ ref } + 0{ rename } + route + 0{ stay } + 0{ stayinfo } + 1{ rfl } + 1{ [speed | mach] } + rtepts + (sid) + (entrydata) + 0{ atsr } + 0{ dct } + 0{ chgrul } + 0{ crsclimb } + (star) + 0{ IFPSTART } + 0{ IFPSTOP } + 0{ IGNORE_ERROR }`

DOC: Detailed Definition: ADEXP departure message as output by IFPS. .Indicates that the aircraft of the specified flight has departed;

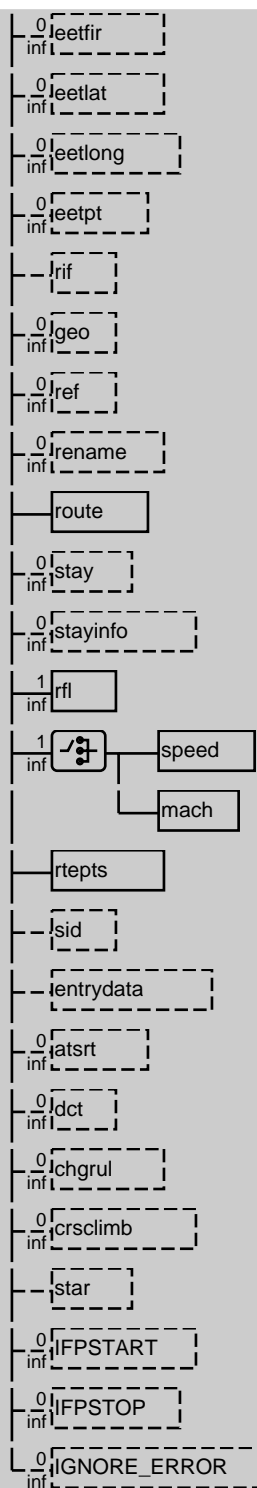
Value Definition:

Consistency Rules:

1. The order of fields in the message shall not be relevant to determine its legality, except for the firstfield (mandatory title field) which determines the allowed fields (see EUROCONTROL STANDARD DOCUMENT for ATS Data Exchange Presentation, ADEXP principle). 2. Each one of the fields is followed by an end of line indication, which is a CR+CR+LF. 3. Loose concatenation applies. 4. Options IFPSTART, IFPSTOP, IGNORE_ERROR are only possible within the context of ADEXP output to TACT. 5. Ifthere is only one occurrence of rfl,this is the initialrequested flight level. 6. If there isonly one occurrence of speed or mach, this is the initial requested speed or mach for the flight. 7. The icaocontent field shall be present only in message send from IFPS to TACT and it shall always follow the TITLE field



-	nav
-	nbarc
-	opr
-	aoarcid
-	aoopr
-	orgnid
-	origin
-	per
-	ralt
-	arcaddr
-	reg
-	rmk
-	rvr
-	seqpt
-	sel
-	src
-	ssrcode
-	⁰ _{inf} sts
-	⁰ _{inf} eur
-	pbm
-	sur
-	talt
-	tle
-	typz
-	wktrc
-	ttleat
-	fltrul
-	flttyp
-	altrnt1
-	altrnt2
-	afildata



PAR: [IFPS_TO_EXT](#) (17) | [IFPS_TO_TACT](#) (18)

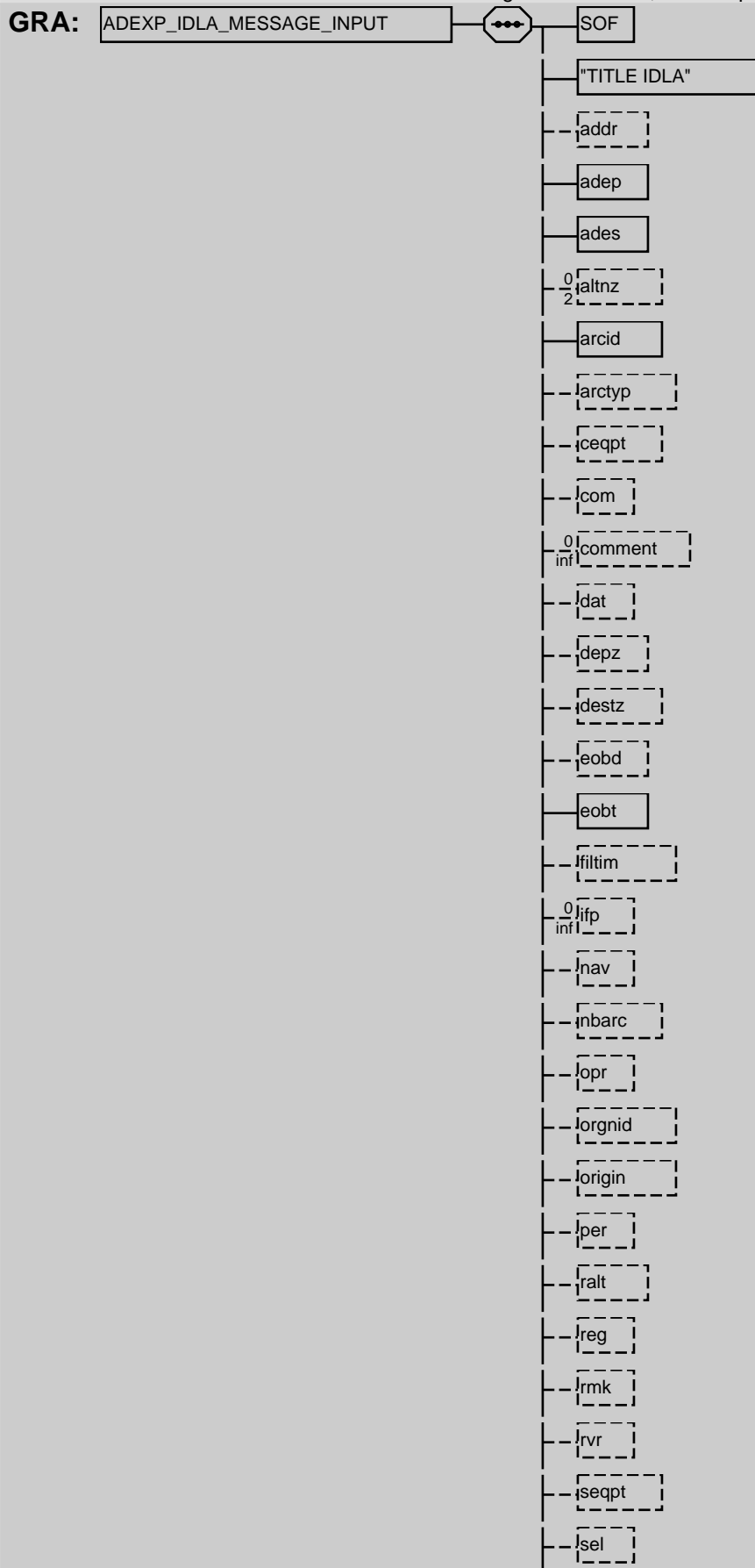
ADEXP_IDLA_MESSAGE_INPUT

BNF: [SOF](#) + "TITLE IDLA" + [addr](#) + [adept](#) + [ades](#) + 0{ [altzn](#) } 2 + [arcid](#) + [arctyp](#) + [ceqpt](#) + [com](#) + 0{ [comment](#) } + [dat](#) + [depz](#) + [destz](#) + [eobd](#) + [eobt](#) + [filtim](#) + 0{ [ifp](#) } + [nav](#) + [nbarc](#) + [opr](#) + [orgnid](#) + [origin](#) + [per](#) + [ralt](#) + [reg](#) + [rmk](#) + [rvr](#) + [seqpt](#) + [sel](#) + [src](#) + [spla](#) + [splc](#) + [spld](#) + [sple](#) + [splj](#) + [spln](#) + [splp](#) + [splr](#) + [spls](#) + [ssrcode](#) + 0{ [sts](#) } + 0{ [eur](#) } + [pbn](#) + [sur](#) + [talt](#) + [dle](#) + [typz](#) + [wktrc](#) + [ttleat](#) + [fltrul](#) + [flttyp](#) + [altrnt1](#) + [altrnt2](#) + 0{ [eetfir](#) } + 0{ [eetlat](#) } + 0{ [eetlong](#) } + 0{ [eetpt](#) } + [rif](#) + 0{ [geo](#) } + 0{ [ref](#) } + 0{ [rename](#) } + [route](#) + 0{ [stay](#) } + 0{ [stayinfo](#) } + 0{ [rfl](#) } + 0{ [[speed](#) | [mach](#)] } + [rtepts](#) + [sid](#) + 0{ [atsrt](#) } + 0{ [dct](#) } + 0{ [chgrul](#) } + 0{ [crsclimb](#) } + [star](#)

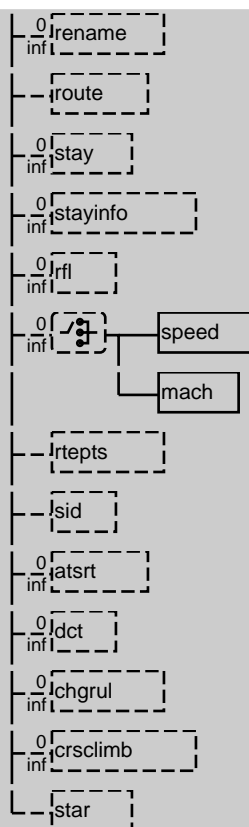
DOC: Detailed Definition: ADEXP delay message as accepted in input by IFPS. Indicates a delay in the takeoff of the specified flight;
Value Definition:

Consistency Rules:

1. The order of fields in the message shall not be relevant to determine its legality, except for the first field (mandatory title field) which determines the allowed fields (see EUROCONTROL STANDARD DOCUMENT for ATS Data Exchange Presentation, ADEXP principle). 2. Loose concatenation applies



-	src
-	spla
-	spic
-	spld
-	sple
-	splj
-	spln
-	splp
-	splr
-	spls
-	ssrcode
0 inf	sts
0 inf	eur
-	pbn
-	sur
-	talt
-	idle
-	typz
-	wktrc
-	ttleet
-	fltrul
-	flttyp
-	altrnt1
-	altrnt2
0 inf	leetfir
0 inf	leetlat
0 inf	leetlong
0 inf	leetpt
-	rif
0 inf	geo
0 inf	ref



PAR: EXT_TO_IFPS (16)

ADEXP_IDLA_MESSAGE_OUTPUT

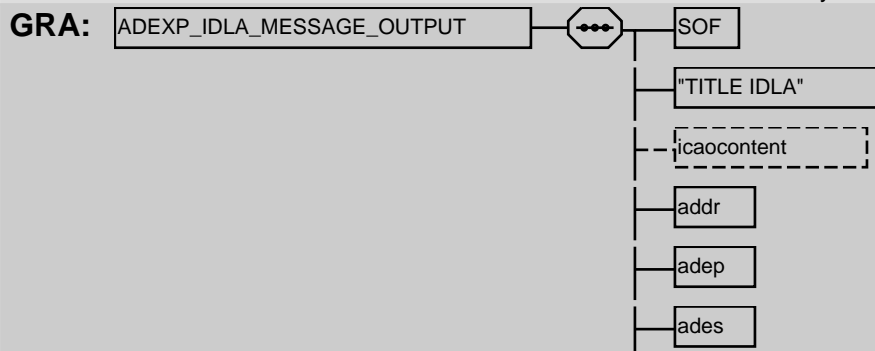
BNF: SOF + "TITLE IDLA" + (icaocontent) + addr + adep + ades + 0{ altnz }2 + arcid + arctyp + ceqpt + (com) + 0{ comment } + (dat) + (depz) + (destz) + eobd + eobt + filtim + ifplid + (nav) + (nbarc) + (opr) + (aoarcid) + (aoopr) + (orgnid) + (origin) + (per) + (ralt) + (arcaddr) + (reg) + (rmk) + (rvr) + seqpt + (sel) + src + (ssrcode) + 0{ sts } + 0{ eur } + (pbn) + (sur) + (talt) + (dle) + (typz) + wktrc + tleat + fltrul + flttyp + (altrnt1) + (altrnt2) + (afildata) + 0{ eetfir } + 0{ eetlat } + 0{ eetlong } + 0{ eetpt } + (rif) + 0{ geo } + 0{ ref } + 0{ rename } + route + 0{ stay } + 0{ stayinfo } + 1{ rfl } + 1{ [speed | mach] } + rtepts + (sid) + (entrydata) + 0{ atsrt } + 0{ dct } + 0{ chgrul } + 0{ crsclimb } + (star) + 0{ IFPSTART } + 0{ IFPSTOP } + 0{ IGNORE_ERROR }

DOC: Detailed Definition: ADEXP delay message as output by IFPS. Indicates a delay in the takeoff of the specified flight;

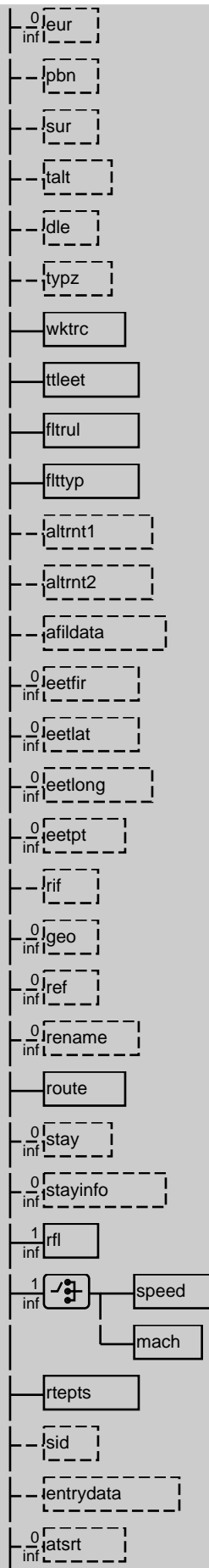
Value Definition:

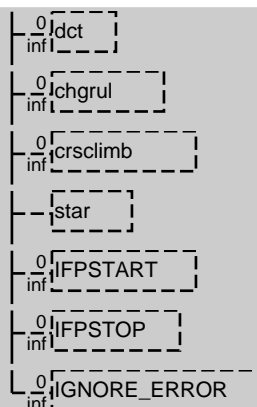
Consistency Rules:

1. The order of fields in the message shall not be relevant to determine its legality, except for the first field (mandatory title field) which determines the allowed fields (see EUROCONTROL STANDARD DOCUMENT for ATS Data Exchange Presentation, ADEXP principle).
2. Each one of the fields is followed by an end of line indication, which is a CR+CR+LF.
3. Loose concatenation applies.
4. Options IFPSTART, IFPSTOP, IGNORE_ERROR are only possible within the context of ADEXP output to TACT.
5. If there is only one occurrence of rfl this is the initial requested flight level.
6. If there is only one occurrence of speed or mach, this is the initial requested speed or mach for the flight.
7. The icaocontent field shall be present only in message send from IFPS to TACT and it shall always follow the TITLE field







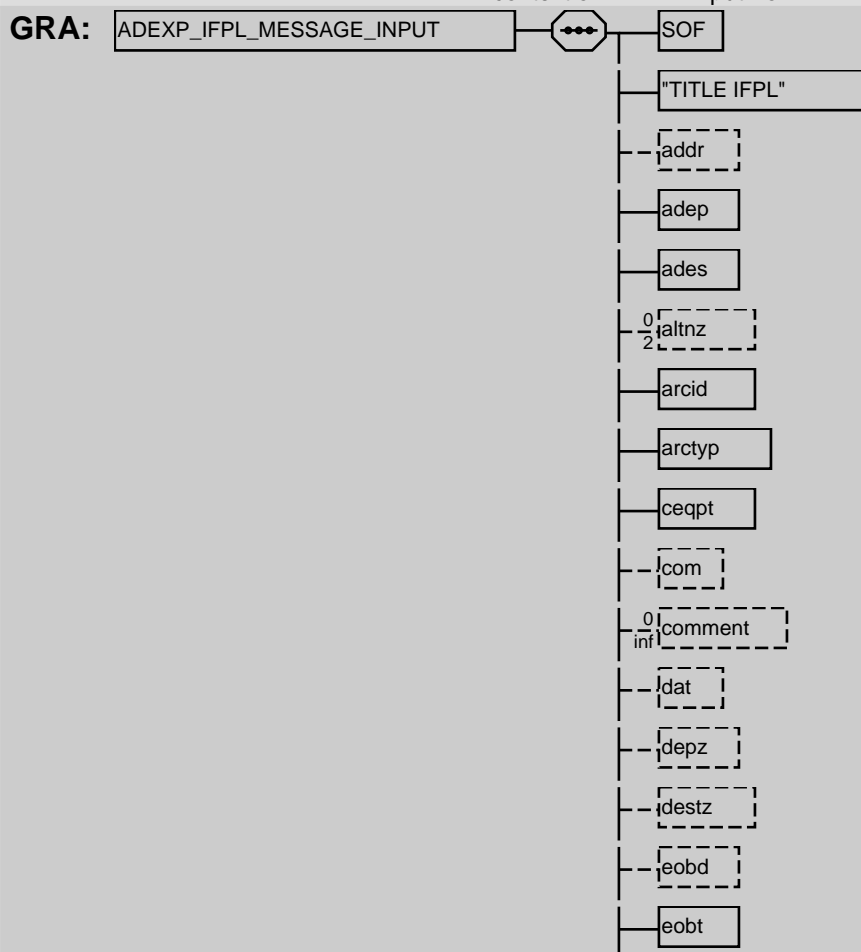


PAR: IFPS_TO_EXT (17) | IFPS_TO_TACT (18)

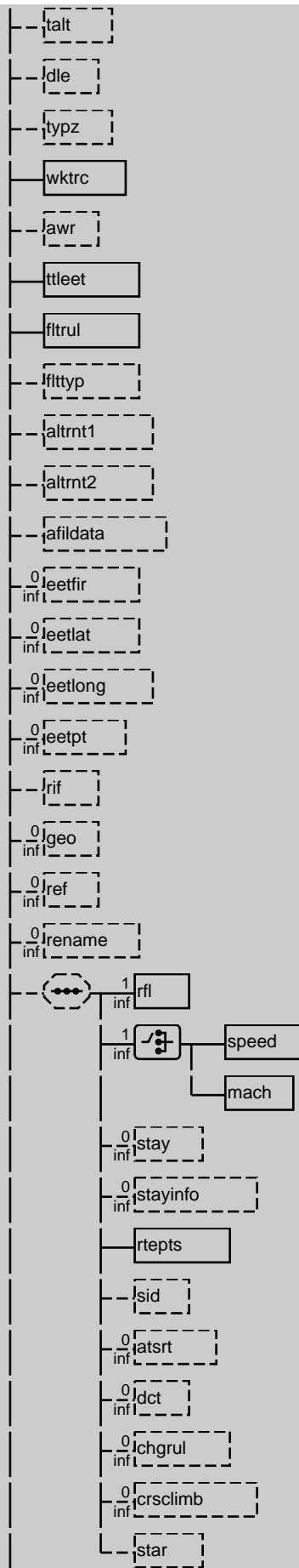
ADEXP_IFPL_MESSAGE_INPUT

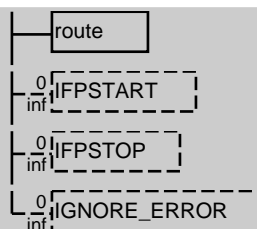
BNF: SOF + "TITLE IFPL" + (addr) + adep + ades + 0{ altnz }2 + arcid + arctyp + ceqpt + (com) + 0{ comment } + (dat) + (depz) + (destz) + (eobd) + eobt + (fltim) + 0{ ifp } + (nav) + (nbarc) + (opr) + (orgnid) + (origin) + (per) + (ralt) + (arcaddr) + (reg) + (rfp) + (rmk) + (rvr) + seqpt + (sel) + (src) + (spla) + (splc) + (spla) + (sple) + (splj) + (spln) + (splp) + (splr) + (spls) + (ssrcode) + 0{ sts } + 0{ eur } + (pbn) + (sur) + (talt) + (dle) + (typz) + wktrc + (awr) + ttleet + fltrul + (flttyp) + (altrnt1) + (altrnt2) + (afildata) + 0{ eetfir } + 0{ eetlat } + 0{ eetlong } + 0{ eetpt } + (rif) + 0{ geo } + 0{ ref } + 0{ rename } + (1{ rfi } + 1{ [speed | mach] } + 0{ stay } + 0{ stayinfo } + rtepts + (sid) + 0{ atsrt } + 0{ dct } + 0{ chgrul } + 0{ crsclimb } + (star) + route + 0{ IFPSTART } + 0{ IFPSTOP } + 0{ IGNORE_ERROR }

DOC: Detailed Definition: ADEXP individual flightplan as accepted in input by IFPS ;
 Value Definition:
 Consistency Rules: 1. The order of fields in the message shall not be relevant to determine its legality, except for the first field (mandatory title field) which determines the allowed fields (see EUROCONTROL STANDARD DOCUMENT for ATS Data Exchange Presentation, ADEXP principle). 2. Loose concatenation applies. 3. Options IFPSTART, IFPSTOP, IGNORE_ERROR are possible within the context of ADEXP input from RPL to IFPS



-	lftim
-	0 lfp inf
-	nav
-	nbarc
-	opr
-	orgnid
-	origin
-	per
-	ralt
-	arcaddr
-	reg
-	rfp
-	rmk
-	rvr
-	seqpt
-	sel
-	src
-	spla
-	spic
-	spld
-	sple
-	splj
-	spIn
-	spIp
-	splr
-	spls
-	ssrcode
-	0 sts inf
-	0 eur inf
-	pbn
-	sur





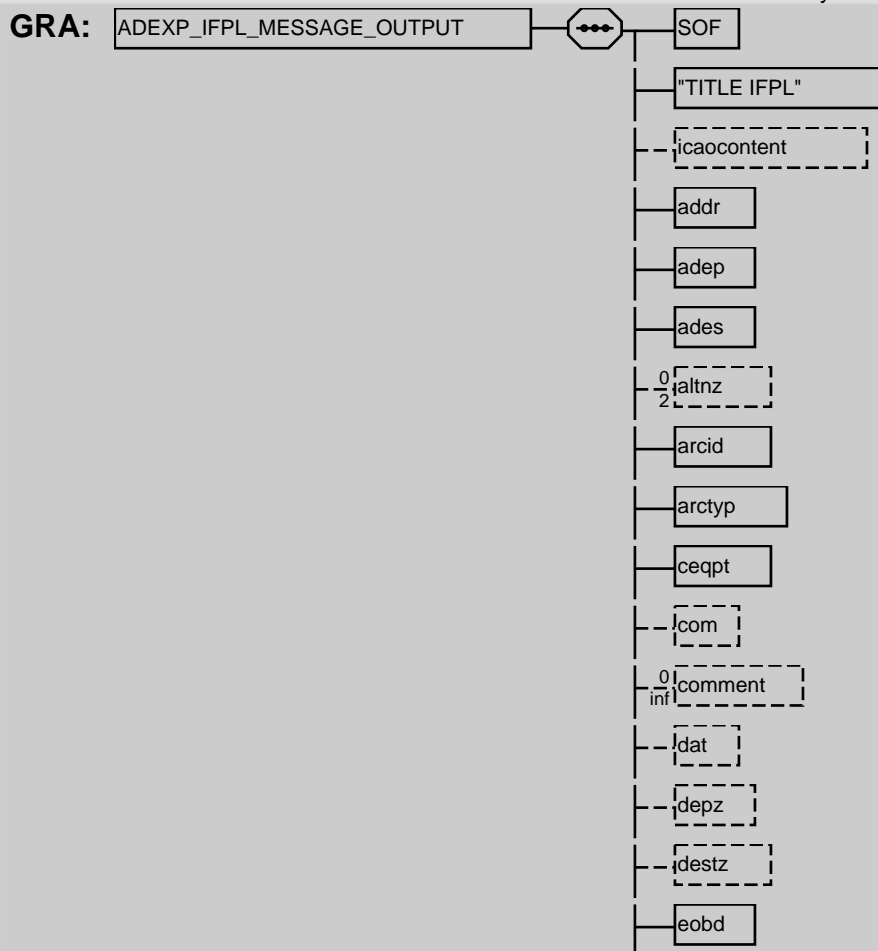
PAR: EXT_TO_IFPS (16) | FPM_REPLY_DATA (167) | RPL_TO_IFPS (19)

ADEXP_IFPL_MESSAGE_OUTPUT

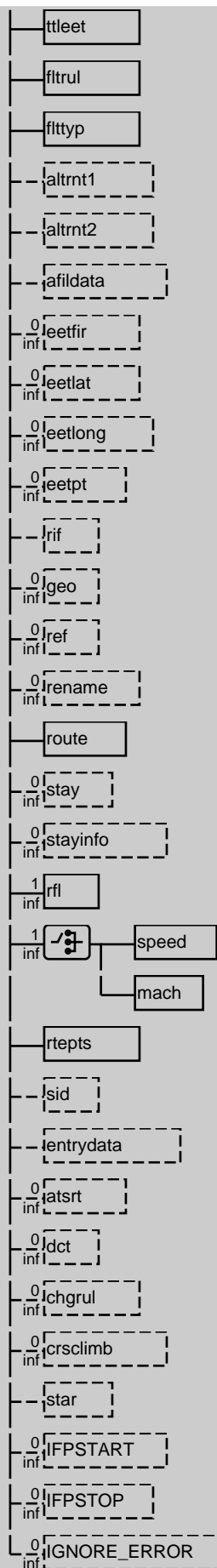
BNF: SOF + "TITLE IFPL" + (icaocontent) + addr + adep + ades + 0{ altnz }2 + arcid + arctyp + ceqpt + (com) + 0{ comment } + (dat) + (depz) + (destz) + eobd + eobt + filtim + (ifp) + ifplid + (nav) + (nbarc) + (opr) + (aoarcid) + (aoopr) + (orgnid) + (origin) + (per) + (arcaddr) + (ralt) + (reg) + (rfp) + (rmk) + (rvr) + seqpt + (sel) + src + (ssrcode) + 0{ sts } + 0{ eur } + (pbn) + (sur) + (talt) + (dle) + (typz) + wktrc + (awr) + tleet + fltrul + flttyp + (altrnt1) + (altrnt2) + (afildata) + 0{ eetfir } + 0{ eetlat } + 0{ eetlong } + 0{ eetpt } + (rif) + 0{ geo } + 0{ ref } + 0{ rename } + route + 0{ stay } + 0{ stayinfo } + 1{ rfl } + 1{ [speed | mach] } + rtepts + (sid) + (entrydata) + 0{ atsrt } + 0{ dct } + 0{ chgrul } + 0{ crsclimb } + (star) + 0{ IFPSTART } + 0{ IFPSTOP } + 0{ IGNORE_ERROR }

DOC: Detailed Definition: ADEXP individual flightplan as output by IFPS;
Value Definition:
Consistency Rules:

1. The order of fields in the message shall not be relevant to determine its legality, except for the first field (mandatory title field) which determines the allowed fields (see EUROCONTROL STANDARD DOCUMENT for ATS Data Exchange Presentation, ADEXP principle).
2. Each one of the fields is followed by an end of line indication, which is a CR+CR+LF.
3. Loose concatenation applies.
4. Options IFPSTART, IFPSTOP, IGNORE_ERROR are only possible within the context of ADEXP output to TACT.
5. If there is only one occurrence of rfl this is the initial requested flight level.
6. If there is only one occurrence of speed or mach, this is the initial requested speed or mach for the flight.
7. The icaocontent field shall be present only in message send from IFPS to TACT and it shall always follow the TITLE field.



—	eobt
—	filtim
—	lfp
—	ifplid
—	lnav
—	lnbarc
—	lopr
—	aoarcid
—	aoopr
—	lorgnid
—	lorigin
—	lper
—	larcaddr
—	lalt
—	lreg
—	lrp
—	lrmk
—	lrvr
—	seqpt
—	lsl
—	src
—	ssrcode
0 inf	lsts
0 inf	leur
—	lpgn
—	lsur
—	ltalt
—	ldle
—	ltypz
—	wktrc
—	lawr

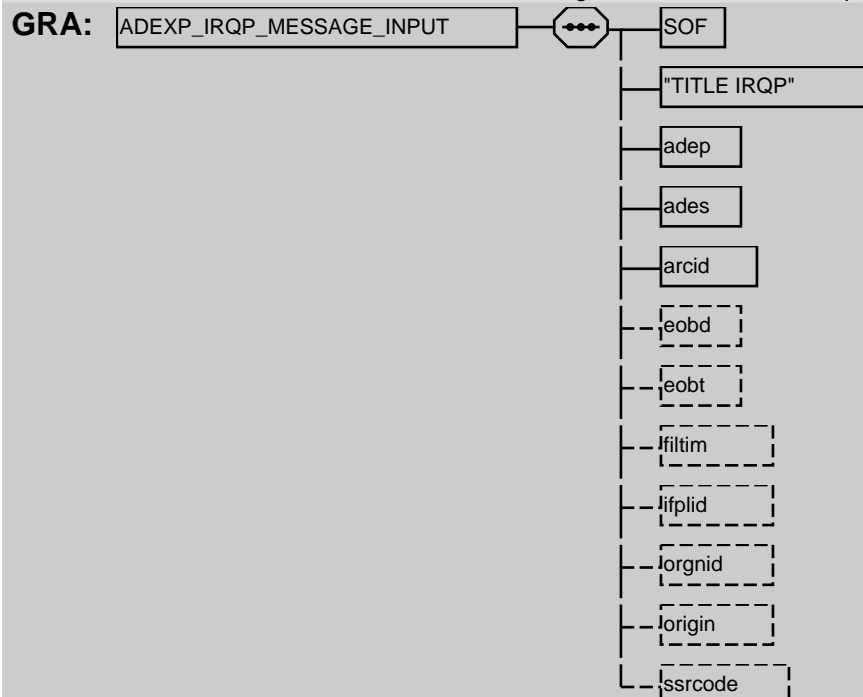


PAR: [IFPS_TO_EXT](#) (17) | [IFPS_TO_TACT](#) (18)

ADEXP_IRQP_MESSAGE_INPUT

BNF: SOF + "TITLE IRQP" + *adep* + *ades* + *arcid* + (*eobd*) + (*eobt*) + (*filtim*) + (*ifplid*) + (*orgnid*) + (*origin*) + (*ssrcode*)

DOC: Detailed Definition: ADEXP request flight plan message;
 Value Definition:
 Consistency Rules: 1.The order of fields in the message shall not be relevant to determine its legality, except for the first field (mandatory title field) which determines the allowed fields (see EUROCONTROL STANDARD DOCUMENT for ATS Data Exchange Presentation, ADEXP principle). 2.Loose concatenation applies

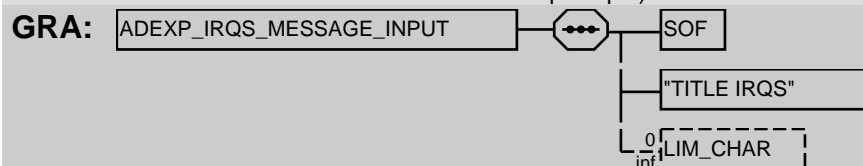


PAR: EXT_TO_IFPS (16)

ADEXP_IRQS_MESSAGE_INPUT

BNF: SOF + "TITLE IRQS" + 0{ *LIM_CHAR* }

DOC: Detailed Definition: ADEXP request supplementary information message, as accepted by IFPS;
 Value Definition:
 Consistency Rules: 1.This is an input message for IFPS. 2.The order of fields in the message shall not be relevant to determine its legality, except for the first field (mandatory title field) which determines the allowed fields (see EUROCONTROL STANDARD DOCUMENT for ATS Data Exchange Presentation, ADEXP principle). 3.Loose concatenation applies ;



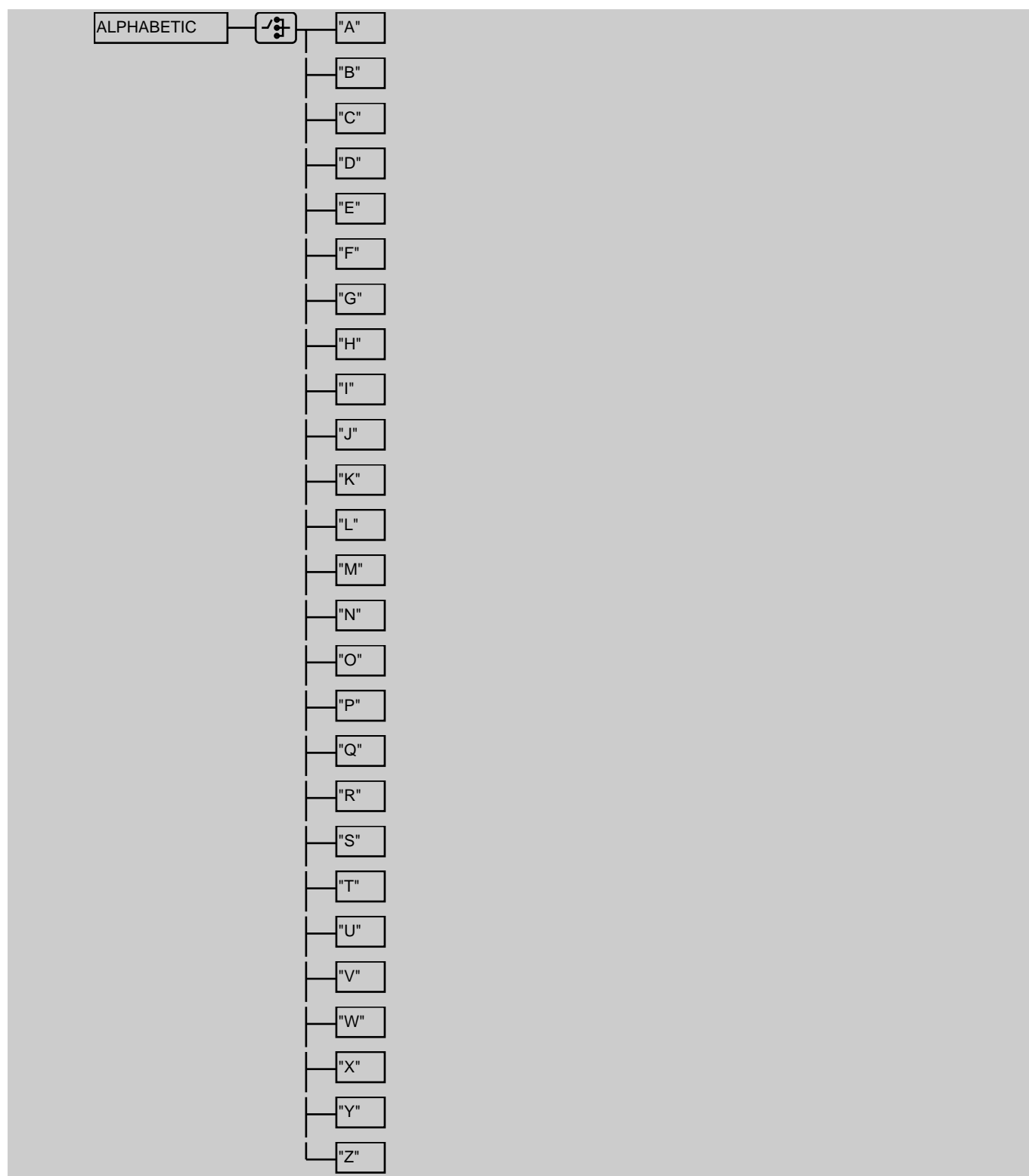
PAR: EXT_TO_IFPS (16)

ADEXP basic lexical elements**ALPHABETIC**

BNF: ["A" | "B" | "C" | "D" | "E" | "F" | "G" | "H" | "I" | "J" | "K" | "L" | "M" | "N" | "O" | "P" | "Q" | "R" | "S" | "T" | "U" | "V" | "W" | "X" | "Y" | "Z"]

DOC: Detailed Definition: An uppercase character which is one of the 26 characters of the alphabet ;
 Value Definition:
 Consistency Rules:

GRA:



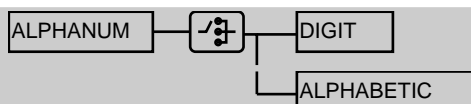
PAR: [AIRCRAFT_OPERATOR_ICAO_ID \(148\)](#) [NAVIGATION_AID_ID \(202\)](#) [PRINTABLE_ASCII_CAPS \(207\)](#) [ROUTE_INDICATOR \(211\)](#) | [WAYPOINT_ID \(222\)](#) [ALPHANUM \(74\)](#) | [CHARACTER \(75\)](#) | [indicator \(100\)](#) | [icao_aerodrome \(103\)](#) | [icao_aircraft_type \(103\)](#) | [IM_CHAR \(77\)](#) | [sid \(122\)](#) | [star \(126\)](#) | [titleid \(131\)](#) | [AD_LINE \(171\)](#) | [ALPHANUMERIC \(173\)](#) | [IFP \(190\)](#) | [UNPUBLISHED \(221\)](#) | [SEL \(215\)](#) | [IFPS_ID \(194\)](#) | [PARAMETER_NAME \(205\)](#) | [COUNTRY_CODE \(179\)](#)

ALPHANUM

BNF: [[DIGIT](#) | [ALPHABETIC](#)]

DOC: Detailed Definition: An alphabetic or digit ;
Value Definition:
Consistency Rules:

GRA:



PAR: DBE_POINT_ID (182) | aircraftid (82) | airspdes (83) | atsroute (85) | icaoaircrafttype (103) | originatorid (111) | point (112) | AORO_ID (148) | NETWORK_TYPE (203) | DLE (183) | NAME_INFO (202)

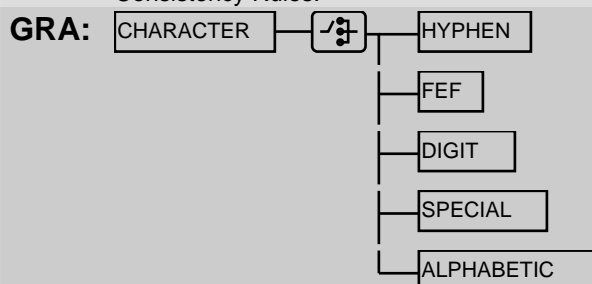
CHARACTER

BNF: [**HYPHEN** | **FEF** | **DIGIT** | **SPECIAL** | **ALPHABETIC**]

DOC:	Detailed Definition:	Represents the allowed characters within ADEXP messages. ;
-------------	----------------------	------------------------------------------------------------

Value Definition:
Consistency Rules:

CSA



PAR: icaomsg (104) dldmsg (110) WIR_REFID (170)

CR

BNF: "ASCII_CR"

DOC: Detailed Definition: (1)ASCII carriage return character;

Value Definition:
Consistency Rules:

CPA	<input type="checkbox"/>	<input type="checkbox"/>
-----	--------------------------	--------------------------



PAR: RECOVERY_FILE_OUTPUT (160) RECOVERY_FILE_OUTPUT (160) REF (76) ADEXP_IFPL_FILE_OUTPUT (145) FREE_TEXT (153) IFPS_RPL_FILE (154) IFPS_RPL_FILE (154) IFPS_RPL_FILE (154) IFPS_RPL_FILE (154) | IFPS_RPL_FILE_WITH_DELIMITER (155) IFPS_RPL_FLIGHT_RECORD (155) IFPS_RPL_FLIGHT_RECORD (155) | IFPS_RPL_FLIGHT_RECORD (155) RPL_ACK_MESSAGE (161) RPL_ACK_MESSAGE (161) RPL_ACK_MESSAGE (161) | RPL_ACK_MESSAGE (161) RPL_ACK_MESSAGE (161) RPL_ACK_MESSAGE (161) RPL_ACK_MESSAGE (161) | RPL_ACK_MESSAGE (161) RPL_ACK_MESSAGE (161) RPL_ACK_MESSAGE (161) IFPS_EVT_FILE (192) IFPS_EVT_FILE (192) | MSG_FLT_FILE (198) MSG_FLT_FILE (198) IFPS_EVT_MSG_FILE (192) IFPS_EVT_MSG_FILE (192) IFPS_EVT_ERR_FILE (192) IFPS_EVT_ERR_FILE (192) MSG_HAS_ADDR_FILE (200) MSG_HAS_ADDR_FILE (200) MSG_OP_REPLY_FILE (201) | MSG_OP_REROUTE_FILE (201) \$AFA_EVT_FILE (213) \$AFA_EVT_FILE (213) \$AFA_EVT_FILE (213) COUNTRY_LIST_FILE (179) COUNTRY_LIST_FILE (179) COUNTRY_LIST_FILE (179) PARAMETER_FILE (204) PARAMETER_FILE (204) PARAMETER_FILE (204)

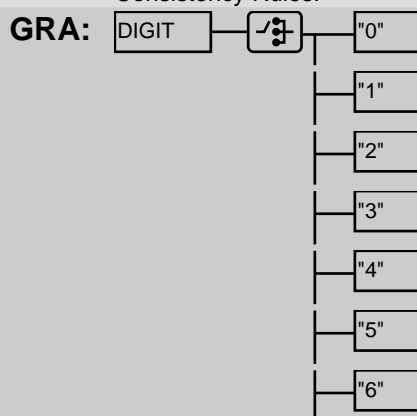
DIGIT

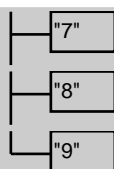
```
BNF: [ "0" | "1" | "2" | "3" | "4" | "5" | "6" | "7" | "8" | "9" ]
```

DOC: Detailed Definition: A character that belongs to the set of numeric digits ;

Value Definition:
Consistency Rules:

CPA



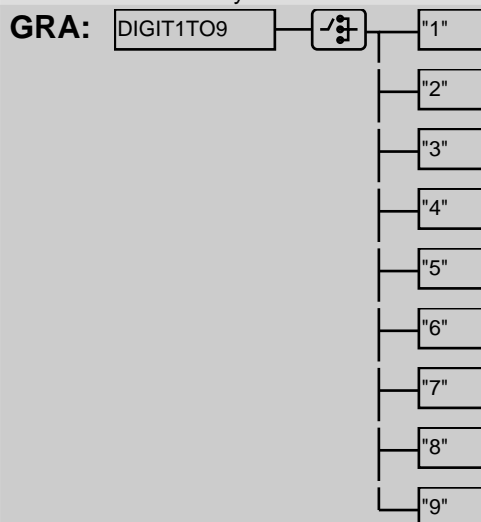


PAR: [DATE](#) (181) | [PRINTABLE_ASCII_CAPS](#) (207) | [SEQUENCE_NR](#) (163) | [VERSION_NR](#) (222) | [ALPHANUM](#) (74) | [CHARACTER](#) (75) | [day](#) (90) | [distnc](#) (92) | [errorcode](#) (97) | [geoname](#) (103) | [latitudelong](#) (105) | [LIM_CHAR](#) (77) | [longitudelong](#) (106) | [machnumber](#) (107) | [month](#) (107) | [rjum](#) (109) | [rfbearing](#) (117) | [rfname](#) (117) | [rfnameid](#) (118) | [seconds](#) (121) | [sid](#) (122) | [spd](#) (122) | [PLDCAP](#) (217) | [PLDNB](#) (217) | [star](#) (126) | [tmehhmm](#) (131) | [tmehhmm](#) (131) | [year](#) (133) | [ALPHANUMERIC](#) (173) | [AOWIR_REFID](#) (166) | [FILE_RECORD_COUNT](#) (151) | [flightlevel](#) (100) | [flightlevel](#) (100) | [NUMBER_OF_AIRCRAFT](#) (203) | [NUMBER_OF_AOS](#) (160) | [RVR](#) (211) | [SERIAL_NUMBER](#) (163) | [SPLP](#) (218) | [tmehhmm_elapsed](#) (221) | [tmehhmm_elapsed](#) (221) | [tmehhmm_elapsed](#) (221) | [BLOCKING_LEVEL](#) (177) | [LATITUDE_ICAO](#) (196) | [LATITUDE_ICAO](#) (196) | [LONGITUDE_ICAO](#) (197) | [LONGITUDE_ICAO](#) (197) | [REF_DISTANCE](#) (209) | [IFPS_ID](#) (194) | [FFPM_ID](#) (184) | [ORIGINAL_MESSAGE_ID](#) (204) | [EVENT_NUMBER](#) (187) | [EVENT_NUMBER_8](#) (187) | [minutes](#) (107) | [hours](#) (190) | [SEQ_NUMBER](#) (216) | [IFPS_DYN_VERSION](#) (191) | [FAAS_DYN_VERSION](#) (187) | [SAFA_EVENT_ID](#) (212) | [year4](#) (222) | [GLOBAL_EXEMPTION_ID](#) (190) | [SELECTION_CRITERIA_ID](#) (216) | [ALARM_INFO_ID](#) (172) | [LOCAL_EXEMPTION_ID](#) (197) | [COUNTRY_LIST_NAME](#) (180)

DIGIT1TO9

BNF: ["1" | "2" | "3" | "4" | "5" | "6" | "7" | "8" | "9"]

DOC: Detailed Definition: A character that belongs to the set of numeric digits between 1 to 9;
Value Definition:
Consistency Rules:

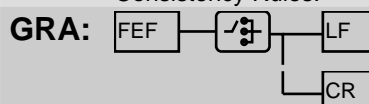


PAR: [FIELD_TYPE_18_ICAO](#) (32) | [STAY_INDICATOR](#) (219) | [EVENT_NUMBER](#) (187) | [SEQ_NUMBER](#) (216)

FEF

BNF: [LF | CR]

DOC: Detailed Definition: Format effectors ;
Value Definition:
Consistency Rules:

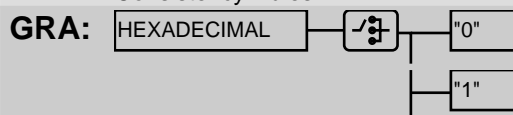


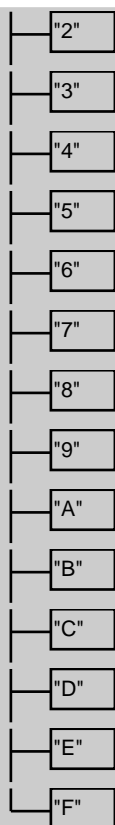
PAR: [CHARACTER](#) (75) | [LIM_CHAR](#) (77) | [SEP](#) (78)

HEXADECIMAL

BNF: ["0" | "1" | "2" | "3" | "4" | "5" | "6" | "7" | "8" | "9" | "A" | "B" | "C" | "D" | "E" | "F"]

DOC: Detailed Definition: A character that belongs to the set of hexanumeric
Value Definition:
Consistency Rules:





PAR: [ARCADDR](#) (175)

HYPHEN

BNF: "_"

DOC: Detailed Definition: ;
Value Definition:
Consistency Rules:

GRA:

PAR: [IDENTIFICATION](#) (153) | [IDENTIFICATION](#) (153) | [IDENTIFICATION](#) (153) | [CHARACTER](#) (75) | [FIELD_TYPE_18_ICAO](#) (32) | [FIELD_TYPE_18_ICAO](#) (32) | [FIELD_TYPE_19_ICAO](#) (36) | [SERIAL_NUMBER](#) (163) | [\\$OF](#) (78) | [EVENT_TIMESTAMP](#) (187) | [RECEPTION_DATE](#) (209) | [LAST_UPDATE_DATE](#) (196)

LF

BNF: "ASCII_LF"

DOC: Detailed Definition: (1)ASCII line feed character;
Value Definition:
Consistency Rules:

GRA:

PAR: [RECOVERY_FILE_OUTPUT](#) (160) | [FEF](#) (76) | [FREE_TEXT](#) (153) | [IFPS_RPL_FILE](#) (154) | [IFPS_RPL_FILE](#) (154) | [IFPS_RPL_FILE](#) (154) | [IFPS_RPL_FILE](#) (154) | [IFPS_RPL_FILE_WITH_DELIMITER](#) (155) | [IFPS_RPL_FLIGHT_RECORD](#) (155) | [IFPS_RPL_FLIGHT_RECORD](#) (155) | [IFPS_RPL_FLIGHT_RECORD](#) (155) | [RPL_ACK_MESSAGE](#) (161) | [RPL_ACK_MESSAGE](#) (161) | [RPL_ACK_MESSAGE](#) (161) | [RPL_ACK_MESSAGE](#) (161) | [RPL_ACK_MESSAGE](#) (161) | [RPL_ACK_MESSAGE](#) (161) | [RPL_ACK_MESSAGE](#) (161) | [RPL_ACK_MESSAGE](#) (161) | [RPL_ACK_MESSAGE](#) (161) | [RPL_ACK_MESSAGE](#) (161)

LIM_CHAR

BNF: [[FEF](#) | [DIGIT](#) | [SPECIAL](#) | [ALPHABETIC](#)]

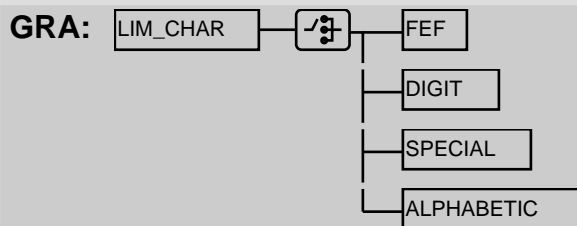
DOC: Detailed Definition: Limited character, it represents the allowed characters within ADEXP messages, except HYPHEN which is reserved to indicate the start of an ADEXP field.;

Value Definition:

Consistency Rules:

1. If present in the context of an ICAO message, characters "(" and ")"; should be excluded, because "(" indicates the start of

an ICAO message and "): the end of an ICAO message

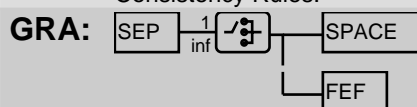


PAR: [adarrz \(80\)](#) | [comment \(87\)](#) | [adname \(82\)](#) | [error \(97\)](#) | [orgn \(110\)](#) | [pttrt \(115\)](#) | [remark \(117\)](#) | [rbrute \(120\)](#) | [\\$PLDCOL \(217\)](#) | [text20 \(130\)](#) | [ADDRESS_DATA \(171\)](#) | [ADEXP_IRQS_MESSAGE_INPUT \(73\)](#) | [ALTNZ \(174\)](#) | [ARRIVAL_AERODROME_NAME \(176\)](#) | [COM \(178\)](#) | [DE-PZ \(182\)](#) | [DESTZ \(183\)](#) | [ERROR_DATA \(167\)](#) | [FIELD_TYPE_18_ICAO \(32\)](#) | [FIELD_TYPE_18_ICAO \(32\)](#) | [ICAO_RQS_MESSAGE \(28\)](#) | [IGNORE_ERROR \(195\)](#) | [PROPOSED_ROUTE \(208\)](#) | [RALT \(209\)](#) | [TALT \(220\)](#) | [REG \(210\)](#) | [REVAL_ERROR \(211\)](#) | [RIF \(211\)](#) | [RMK \(211\)](#) | [ROUTE_ICAO \(170\)](#) | [\\$PLA \(216\)](#) | [\\$PLC \(216\)](#) | [\\$PLN \(218\)](#) | [\\$UR \(219\)](#) | [\\$TYPZ \(221\)](#) | [UNPUBLISHED \(221\)](#) | [NAV \(202\)](#) | [OPR \(203\)](#) | [datalink \(89\)](#) | [FP_TEXT \(189\)](#) | [ERROR_CLASS \(185\)](#) | [ERROR_ID \(185\)](#) | [ERROR_TEXT \(185\)](#) | [\\$SAFE_EVT_COL_HEADINGS \(213\)](#) | [COUNTRY_LIST_COL_HEADINGS \(179\)](#) | [PARAMETER_COL_HEADINGS \(204\)](#) | [PARAMETER_VALUE \(205\)](#) | [SAFE_EVENT_TYPE \(212\)](#) | [SOURCE \(216\)](#) | [BAN_REF_ID \(177\)](#) | [ORIGINATOR_STATE \(204\)](#) | [ALARM_LEVEL \(173\)](#) | [RECIPIENTS \(209\)](#) | [LAST_UPDATE_BY \(196\)](#) | [MAIL SUBJECT \(197\)](#) | [MESSAGE BODY \(198\)](#)

SEP

BNF: $1\{[\text{SPACE} \mid \text{FEF}]\}$

DOC:	Detailed Definition:	Adexp allowed separators.
	Value Definition:	
	Consistency Rules:	

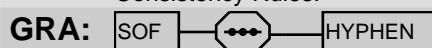


PAR: [eto](#) (98) | [eto](#) (98) | [filitm](#) (99) | [filitm](#) (99) | [longtd](#) (106) | [longtd](#) (106) | [sfl](#) (122) | [sfl](#) (122) | [sid](#) (122) | [sid](#) (122) | [star](#) (126) | [star](#) (126) | [sto](#) (128) | [sto](#) (?) | [FIELD_TYPE_15_ICAO](#) (30) | [FIELD_TYPE_15C_ICAO](#) (30) | [FIELD_TYPE_15C_ICAO](#) (30) | [FIELD_TYPE_15C_ICAO](#) (30) | [FIELD_TYPE_15C_ICAO](#) (30) | [FIELD_TYPE_18_ICAO](#) (32) | [FIELD_TYPE_18_ICAO](#) (32) | [FIELD_TYPE_18_ICAO](#) (32) | [FIELD_TYPE_18_ICAO](#) (32) | [FIELD_TYPE_18_ICAO](#) (32) | [FIELD_TYPE_19_ICAO](#) (36) | [POINT_ROUTE_ITEM](#) (207) | [POINT_ROUTE_ITEM](#) (207) | [\\$PLD](#) (217) | [SPLD](#) (217) | [FIELD_TYPE_18_NIL](#) (35) | [FIELD_TYPE_19_NIL](#) (36)

SOF

BNF: HYPHEN

DOC:	Detailed Definition:	Adexp Start Of Field character;
	Value Definition:	
	Consistency Rules:	



PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ada (79) | adarr (80) | adarrz (80) | adarrz (80) | add (80) | addr (80) | addr (80) | ades (81) | adesold (81) | afildata (82) | airspdes (83) | altnz (83) | altmnt1 (83) | altmnt2 (83) | arcid (84) | arctyp (85) | lata (85) | latd (85) | atsr (86) | lawr (86) | lbrng (86) | lceqpt (86) | chgrul (87) | com (87) | comment (87) | crfl1 (87) | crfl2 (88) | crmach (88) | crsclimb (88) | crspped (89) | cto (89) | dat (89) | days (90) | dct (91) | depz (91) | adname (82) | destz (91) | distnc (92) | eetfir (92) | eetlat (92) | eetlong (93) | eetpt (93) | entrydata (94) | leobd (94) | leobt (94) | leqest (95) | leqest (95) | equipmentchange (95) | surequipmentchange (129) | error (97) | estdata (98) | leto (98) | extaddr (99) | fac (99) | filtim (99) | fli (100) | filblock (100) | fltrul (102) | iaocontent (103) | flttyp (102) | geo (102) | geoid (102) | ifp (104) | iflipid (104) | lattd (105) | lngtd (106) | mach (106) | rsgsum (107) | rsgsum (107) | rsgtxt (108) | rsgtyp (108) | rjav (108) | nbarc (109) | networktype (109) | rum (109) | dldmsg (110) | dpr (110) | dgrn (110) | dgrind (111) | dgrin (111) | dgrindt (112) | dgr (112) | dt (113) | pctrscmb (113) | dfttrul (114) | dtid (114) | dtmach (114) | dtmilul (114) | dtfrl (115) | dttrt (115) | dttrulchg (115) | dtspced (116) | dtstaj (116) | dtstaj (116) | ralt (116) | talt (130) | rpf (116) | rpfid (117) | rpg (117) | rremark (117) | rrename (118) | renid (118) | rrl (118) | rrp (119) | rrf (119) | rrmk (119) | rroute (120) | rrepts (120) | rrepts (120) | rrvr (120) | sel (121) | seqpt (121) | sfl (122) | sid (122) | speed (123) | spla (123) | splc (123) | spldcap (123) | spldcol (124) | spldcov (124) | spldnb (124) | sple (124) | splj (125) | spln (125) | splp (125) | splr (125) | spls (125) | src (126) | srcode (126) | star (126) | stay (127) | stayidnt (127) | stayinfo (128) | sto (128) | sts (128) | dur (98) | lpbm (112) | dle (92) | time (131) | tlb (132) | tltle (132) | tlyp (132) | sur (129) | valfrom (132) | valuntil (133) | wktrc (133) | doarcdr (84) | aoopr (84) | jarcaddr (84) | ADEXP_ACK_MESSAGE (134) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_IARR_MESSAGE_INPUT (48) | ADEXP_IARR_MESSAGE_OUTPUT (49) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_ICNL_MESSAGE_INPUT (56) | ADEXP_ICNL_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_INPUT (58) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_FILE_OUTPUT (145) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70) | ADEXP_IRQP_MESSAGE_INPUT (73) | ADEXP_IRQS_MESSAGE_INPUT (73) | ADEXP_MAN_MESSAGE (134) | ADEXP_REJ_MESSAGE (135) | IFPSTART (195) | IFPSTOP (195) | IGNORE_ERROR (195) | PROPOSED_ROUTE (208) | REVAL_ERROR (?)

SPACE

BNF: ""

DOC:	Detailed Definition:	A single space character;
	Value Definition:	

Consistency Rules:

GRA:

SPACE	—	""
-------	---	----

PAR: BASE_EVENT_TIME (149)|IDENTIFICATION (153)|IDENTIFICATION (153)|NEXT_FLIGHT_TIME (160)\$SPECIAL (79) |AD_LINE
(171)|AIRCRAFT_IDENTIFIER (148)|AORO_ID (148)|MET (184)|ENTRY_TYPE_TOKEN (150)|EXPIRY_DATE (150) |
FIELD_TYPE_16_ICAO (31) | FIELD_TYPE_16C_ICAO (32) | FIELD_TYPE_17_ICAO (32) | FIELD_TYPE_18_ICAO (32) |
ICAO_AFP_MESSAGE (20) | ICAO_APL_MESSAGE (21) | IFPS_RPL_DESTINATION_RECORD (153) |
IFPS_RPL_DESTINATION_RECORD (153)|IFPS_RPL_DESTINATION_RECORD (153)|IFPS_RPL_DESTINATION_RECORD (153)
| IFPS_RPL_DESTINATION_RECORD (153)|IFPS_RPL_DESTINATION_RECORD (153)|IFPS_RPL_HEADER_RECORD (155) |
IFPS_RPL_HEADER_RECORD (155)|IFPS_RPL_HEADER_RECORD (155)|IFPS_RPL_HEADER_RECORD (155) |
IFPS_RPL_HEADER_RECORD (155)|IFPS_RPL_HEADER_RECORD (155)|IFPS_RPL_HEADER_RECORD (155) |
IFPS_RPL_HEADER_RECORD (155)|IFPS_RPL_INFO_RECORD (156)|IFPS_RPL_INFO_RECORD (156) |
IFPS_RPL_INFO_RECORD (156)|IFPS_RPL_INFO_RECORD (156)|IFPS_RPL_INFO_RECORD (156)|IFPS_RPL_INFO_RECORD
(156)|IFPS_RPL_INFO_RECORD (156)|IFPS_RPL_INFO_RECORD (156)|IFPS_RPL_INFO_RECORD (156) |
IFPS_RPL_INFO_RECORD (156)|IFPS_RPL_INFO_RECORD (156)|IFPS_RPL_INFO_RECORD (156) |
IFPS_RPL_REMARK_RECORD (158)|IFPS_RPL_ROUTE_RECORD (158)|IFPS_RPL_SENDER_RECORD (159) |
IFPS_RPL_SENDER_RECORD (159)|IFPS_RPL_SENDER_RECORD (159)|IFPS_RPL_SENDER_RECORD (159) |
IFPS_RPL_SENDER_RECORD (159)|IFPS_RPL_SENDER_RECORD (159)|IFPS_RPL_SENDER_RECORD (159) |
IFPS_RPL_TRAILER_RECORD (159)|IFPS_RPL_TRAILER_RECORD (159)|IFPS_RPL_TRAILER_RECORD (159) |
IFPS_RPL_TRAILER_RECORD (159)|IFPS_RPL_TRAILER_RECORD (159)|RPL_ACK_MESSAGE (161)|VALID_UNTIL (164)\$EP
(78) | DLE (183)|EST_DATA (186)|EST_DATA (186)|EST_DATA (186)|COUNTRY_CODE_LIST (179)

SPECIAL

```
BNF: [ SPACE | "'" | "(" | ")" | "+" | "," | "=" | "?" | "." | "/" | "COLON" ]
```

DOC: Detailed Definition: Special characters ;

Value Definition:

Consistency Rules:

```

graph TD
    GRA[GRA:] --- SPECIAL[SPECIAL]
    GRA --- SPACE_LIST[ ]
    style SPACE_LIST fill:none,stroke:none
    SPACE_LIST --- QUOTE[""]
    style QUOTE fill:#f9f9f9,stroke:#333,stroke-width:1px
    SPACE_LIST --- LPAREN["("]
    style LPAREN fill:#f9f9f9,stroke:#333,stroke-width:1px
    SPACE_LIST --- RPAREN[")"]
    style RPAREN fill:#f9f9f9,stroke:#333,stroke-width:1px
    SPACE_LIST --- PLUS["+"]
    style PLUS fill:#f9f9f9,stroke:#333,stroke-width:1px
    SPACE_LIST --- SPACE[" "]
    style SPACE fill:#f9f9f9,stroke:#333,stroke-width:1px
    SPACE_LIST --- EQUAL["="]
    style EQUAL fill:#f9f9f9,stroke:#333,stroke-width:1px
    SPACE_LIST --- QUESTION["?"]
    style QUESTION fill:#f9f9f9,stroke:#333,stroke-width:1px
    SPACE_LIST --- DOT["."]
    style DOT fill:#f9f9f9,stroke:#333,stroke-width:1px
    SPACE_LIST --- SLASH["/"]
    style SLASH fill:#f9f9f9,stroke:#333,stroke-width:1px
    SPACE_LIST --- COLON["COLON"]
    style COLON fill:#f9f9f9,stroke:#333,stroke-width:1px
  
```

PAR: CHARACTER (75) | LIM_CHAR (77)

ADEXP fields


ada

BNF: SOF + "ADA" + date

DOC: Detailed Definition: (1)Actual date of arrival. ;

Value Definition:

Consistency Rules: 1) Loose concatenation applies

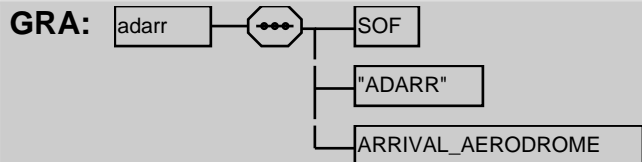
GRA: 

PAR: [ADEXP_IARR_MESSAGE_INPUT](#) (48) | [ADEXP_IARR_MESSAGE_OUTPUT](#) (49)

adarr

BNF: [SOF](#) + "ADARR" + [ARRIVAL_AERODROME](#)

DOC: Detailed Definition: (1)ICAO identifier of actual aerodrome of landing;
Value Definition:
Consistency Rules: 1) Loose concatenation applies 2) If arrival aerodrome is ZZZZ, field adarrz must also be present in the message.

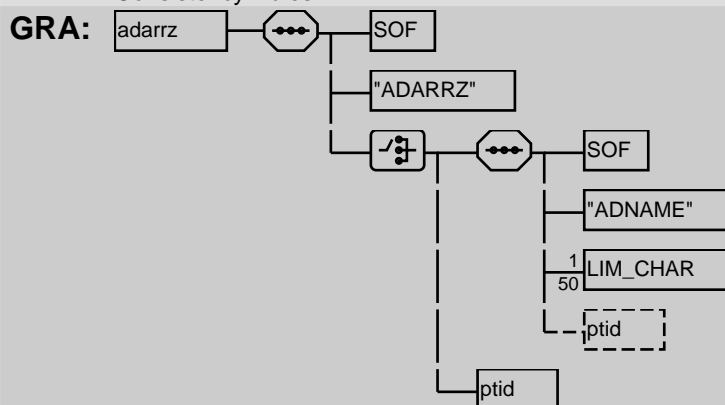


PAR: [ADEXP_IARR_MESSAGE_INPUT](#) (48) | [ADEXP_IARR_MESSAGE_OUTPUT](#) (49)

adarrz

BNF: [SOF](#) + "ADARRZ" + [[SOF](#) + "ADNAME" + 1{ [LIM_CHAR](#) }50 + (ptid) | ptid]

DOC: Detailed Definition: Name of actual aerodrome of landing if no ICAO location indicator exists;
Value Definition:
Consistency Rules:

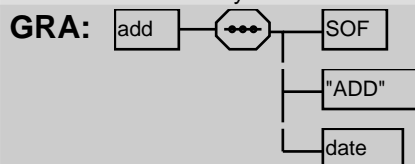


PAR: [ADEXP_IARR_MESSAGE_INPUT](#) (48) | [ADEXP_IARR_MESSAGE_OUTPUT](#) (49)

add

BNF: [SOF](#) + "ADD" + [date](#)

DOC: Detailed Definition: (1)Actual date of departure. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

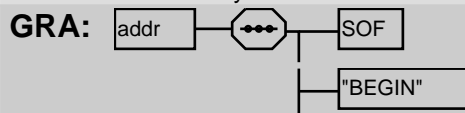


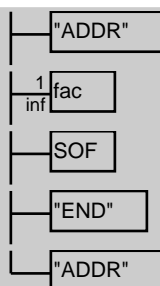
PAR: [ADEXP_IDEP_MESSAGE_INPUT](#) (58) | [ADEXP_IDEP_MESSAGE_OUTPUT](#) (59)

addr

BNF: [SOF](#) + "BEGIN" + "ADDR" + 1{ [fac](#) } + [SOF](#) + "END" + "ADDR"

DOC: Detailed Definition: (1)List of addressees. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies



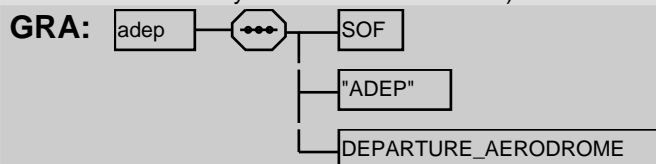


PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_ACK_MESSAGE (134) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_IARR_MESSAGE_INPUT (48) | ADEXP_IARR_MESSAGE_OUTPUT (49) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_ICNL_MESSAGE_INPUT (56) | ADEXP_ICNL_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_INPUT (58) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70) | ADEXP_MAN_MESSAGE (134) | ADEXP_REJ_MESSAGE (135)

adep

BNF: SOF + "ADEP" + DEPARTURE_AERODROME

DOC: Detailed Definition: (1) ICAO identifier of the Aerodrome of departure. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

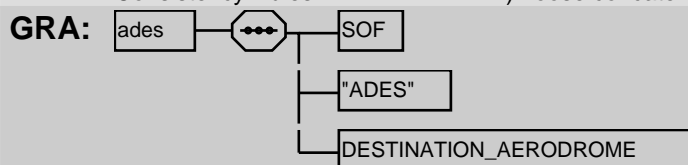


PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_IARR_MESSAGE_INPUT (48) | ADEXP_IARR_MESSAGE_OUTPUT (49) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_ICNL_MESSAGE_INPUT (56) | ADEXP_ICNL_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_INPUT (58) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70) | ADEXP_IRQP_MESSAGE_INPUT (73) | FLIGHT_PLAN_DATA (151)

ades

BNF: SOF + "ADES" + DESTINATION_AERODROME

DOC: Detailed Definition: (1) ICAO identifier of the Aerodrome of destination. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

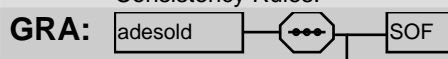


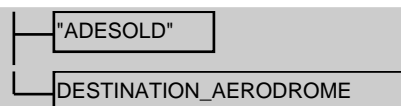
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_IARR_MESSAGE_INPUT (48) | ADEXP_IARR_MESSAGE_OUTPUT (49) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_ICNL_MESSAGE_INPUT (56) | ADEXP_ICNL_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_INPUT (58) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70) | ADEXP_IRQP_MESSAGE_INPUT (73) | FLIGHT_PLAN_DATA (151)

adesold

BNF: SOF + "ADESOLD" + DESTINATION_AERODROME

DOC: Detailed Definition: (1) ICAO identifier of the original Aerodrome of destination as filed in the flight plan. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies



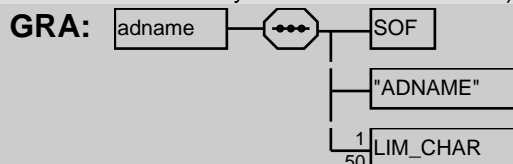


PAR: [ADEXP_IACH_MESSAGE_OUTPUT](#) (40) | [ADEXP_IAFP_MESSAGE_INPUT](#) (43) | [ADEXP_IAPL_MESSAGE_OUTPUT](#) (45)

adname

BNF: [SOF](#) + "ADNAME" + 1{ [LIM_CHAR](#) }50

DOC: Detailed Definition: (1) Name of an aerodrome if no ICAO location indicator exists. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies



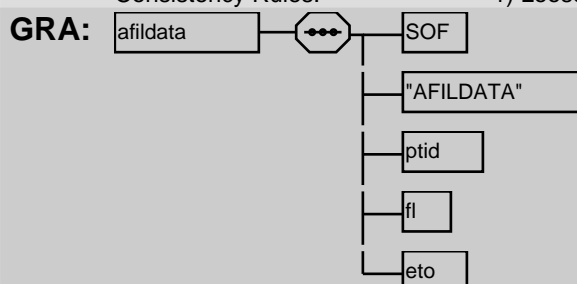
PAR: [depz](#) (91) | [destz](#) (91)

afildata

BNF: [SOF](#) + "AFILDATA" + [ptid](#) + [fl](#) + [eto](#)

DOC: Detailed Definition: (1) Estimate data for an AFIL flightplan. A point id., the joining flight level (flight level number) and the estimate date-time at this point. NOTE The flight level indicated is the level at which the flight has been cleared to join controlled air-space over the point indicated. It need not be the same as the RFL. ;

Value Definition:
Consistency Rules: 1) Loose concatenation applies

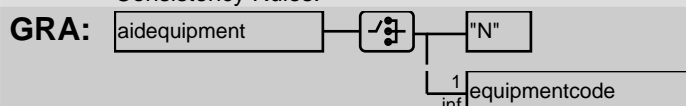


PAR: [ADEXP_IFPL_TACT_MESSAGE_OUTPUT](#) (146) | [ADEXP_ICHG_MESSAGE_OUTPUT](#) (53) | [ADEXP_IDEP_MESSAGE_OUTPUT](#) (59) | [ADEXP_IDLA_MESSAGE_OUTPUT](#) (64) | [ADEXP_IFPL_MESSAGE_INPUT](#) (67) | [ADEXP_IFPL_MESSAGE_OUTPUT](#) (70)

aidequipment

BNF: ["N" | 1{ [equipmentcode](#) }]

DOC: Detailed Definition: (1) Radio communication, navigation and approach aid equipment ;
Value Definition:
Consistency Rules:

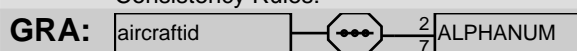


PAR: [ceqpt](#) (86) | [FIELD_TYPE_10_ICAO](#) (28) | [MSG_FLT_RECORD](#) (198)

aircraftid

BNF: 2{ [ALPHANUM](#) }7

DOC: Detailed Definition: (1) Aircraft identification. ;
Value Definition:
Consistency Rules:

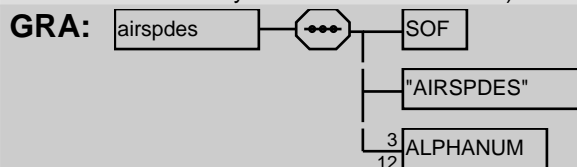


PAR: [IDENTIFICATION](#) (153) | [arcid](#) (84) | [AIRCRAFT_IDENTIFIER](#) (148) | [FIELD_TYPE_7A_ICAO](#) (38) | [IFPS_EVT_RECORD](#) (193) | [SAFA_MATCHED_FLIGHT](#) (214)

airspdes**BNF:** SOF + "AIRSPDES" + 3{ ALPHANUM }12**DOC:** Detailed Definition: (1)Designates an airspace other than an ATS route.;

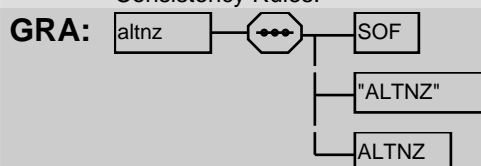
Value Definition:

Consistency Rules: 1) Loose concatenation applies

**PAR:** entrydata (94) |entrydata (94)**altnz****BNF:** SOF + "ALTNZ" + ALTNZ**DOC:** Detailed Definition: (1)Name and location of alternate aerodrome if no ICAO location exists. ;

Value Definition:

Consistency Rules: 1) Loose concatenation applies

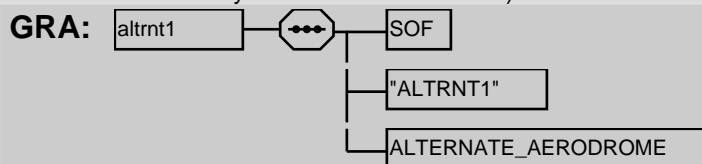


PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70) | FLIGHT_PLAN_DATA (151)

altrnt1**BNF:** SOF + "ALTRNT1" + ALTERNATE_AERODROME**DOC:** Detailed Definition: (1)ICAO location indicator of the first alternate aerodrome of : destination or 'ZZZZ' when no ICAO location indicator has been assigned to the aerodrome. ;

Value Definition:

Consistency Rules: 1) Loose concatenation applies

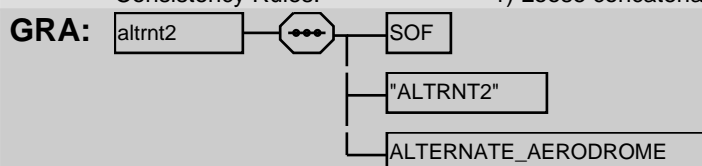


PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70)

altrnt2**BNF:** SOF + "ALTRNT2" + ALTERNATE_AERODROME**DOC:** Detailed Definition: (1)ICAO location indicator of the second alternate aerodrome of :destination or 'ZZZZ' when no ICAO location indicator has been assigned to the aerodrome. ;

Value Definition:

Consistency Rules: 1) Loose concatenation applies



PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT

53) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70)

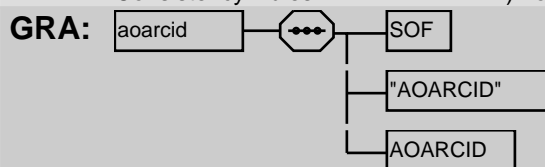
aoarcid

BNF: SOF + "AOARCID" + AOARCID

DOC: Detailed Definition: (1) ICAO Identifier of the aircraft operator, as derived from arcid (ICAO field 7a, when derivable). ;

Value Definition:

Consistency Rules: 1) Loose concatenation applies



PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_OUTPUT (70)

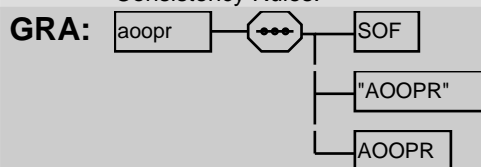
aoopr

BNF: SOF + "AOOPR" + AOOPR

DOC: Detailed Definition: (1) ICAO Identifier of the aircraft operator, as derived from opr (ICAO field 18 sub-field OPR/) (when derivable). ;

Value Definition:

Consistency Rules: 1) Loose concatenation applies

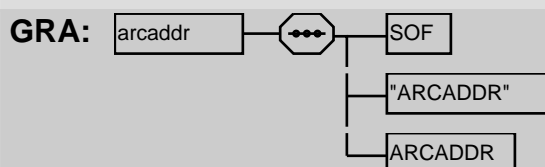


PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_OUTPUT (70)

arcaddr

BNF: SOF + "ARCADDR" + ARCADDR

DOC: Detailed Definition: Aircraft address (as in ICAO field 18 CODE/).



PAR: ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_IARR_MESSAGE_OUTPUT (49) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70)

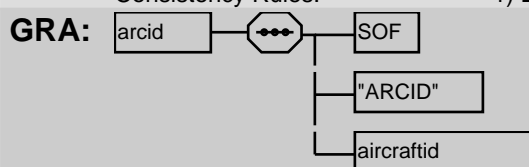
arcid

BNF: SOF + "ARCID" + aircraftid

DOC: Detailed Definition: (1) Aircraft identification. May be the registration marking of the : aircraft, or the ICAO designator of the aircraft operator followed :by the flight identifier, or any other identification string. : Note. This is not necessarily the callsign. ;

Value Definition:

Consistency Rules: 1) Loose concatenation applies

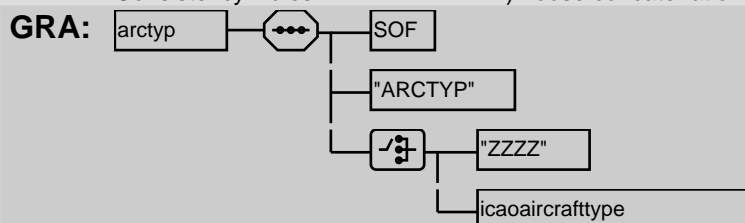


PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | rhsgsum (107) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_IARR_MESSAGE_INPUT (48) | ADEXP_IARR_MESSAGE_OUTPUT (49) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_ICNL_MESSAGE_INPUT (56) | ADEXP_ICNL_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_INPUT (58) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70) | ADEXP_IRQP_MESSAGE_INPUT (73) | FLIGHT_PLAN_DATA (151)

arctyp

BNF: SOF + "ARCTYP" + ["ZZZZ" | icaoaircrafttype]

DOC: Detailed Definition: (1) Type of aircraft (ICAO identification of the type) or ZZZZ. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

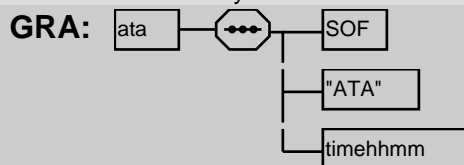


PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70) | FLIGHT_PLAN_DATA (151)

ata

BNF: SOF + "ATA" + timehhmm

DOC: Detailed Definition: (1) Actual time of arrival. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

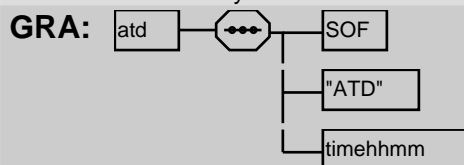


PAR: ADEXP_IARR_MESSAGE_INPUT (48) | ADEXP_IARR_MESSAGE_OUTPUT (49)

atd

BNF: SOF + "ATD" + timehhmm

DOC: Detailed Definition: (1) Actual time of departure. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies



PAR: ADEXP_IDEP_MESSAGE_INPUT (58) | ADEXP_IDEP_MESSAGE_OUTPUT (59)

atsroute

BNF: 2{ ALPHANUM }7

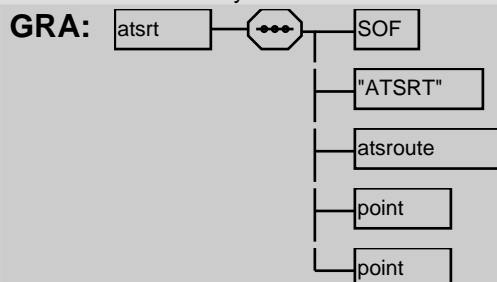
DOC: Detailed Definition: (1) The designator of an ATS route. ;
Value Definition:
Consistency Rules:



PAR: atsrte (86) | FIELD_TYPE_15C_ICAO (30) | NEW RTE (168) | NEW RTE (168)

atsrt**BNF:** SOF + "ATSRT" + [atsroute](#) + [point](#) + [point](#)

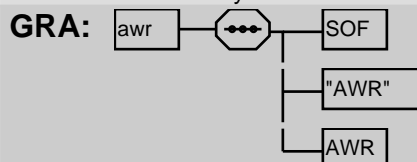
DOC: Detailed Definition: (1)ATS route designator and identifiers of first and last points. ;
 Value Definition:
 Consistency Rules: 1) Loose concatenation applies



PAR: [ADEXP_IFPL_TACT_MESSAGE_OUTPUT](#) (146) | [ADEXP_IACH_MESSAGE_OUTPUT](#) (40) | [ADEXP_IAPF_MESSAGE_INPUT](#) (43) | [ADEXP_IAPL_MESSAGE_OUTPUT](#) (45) | [ADEXP_ICHG_MESSAGE_INPUT](#) (50) | [ADEXP_ICHG_MESSAGE_OUTPUT](#) (53) | [ADEXP_IDEP_MESSAGE_OUTPUT](#) (59) | [ADEXP_IDLA_MESSAGE_INPUT](#) (61) | [ADEXP_IDLA_MESSAGE_OUTPUT](#) (64) | [ADEXP_IFPL_MESSAGE_INPUT](#) (67) | [ADEXP_IFPL_MESSAGE_OUTPUT](#) (70)

awr**BNF:** SOF + "AWR" + [AWR](#)

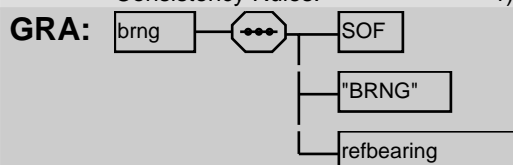
DOC: Detailed Definition: Indication of AO What-If rerouting reference in a flightplan;
 Value Definition:
 Consistency Rules: 1) Loose concatenation applies



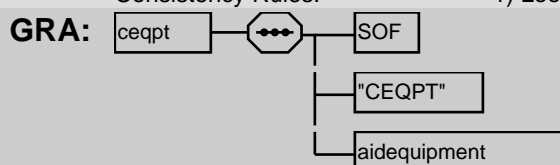
PAR: [ADEXP_ACK_MESSAGE](#) (134) | [ADEXP_IACH_MESSAGE_OUTPUT](#) (40) | [ADEXP_IAPL_MESSAGE_OUTPUT](#) (45) | [ADEXP_ICHG_MESSAGE_INPUT](#) (50) | [ADEXP_ICHG_MESSAGE_OUTPUT](#) (53) | [ADEXP_ICNL_MESSAGE_OUTPUT](#) (57) | [ADEXP_IFPL_MESSAGE_INPUT](#) (67) | [ADEXP_IFPL_MESSAGE_OUTPUT](#) (70) | [ADEXP_MAN_MESSAGE](#) (134) | [ADEXP_REJ_MESSAGE](#) (135)

brng**BNF:** SOF + "BRNG" + [refbearing](#)

DOC: Detailed Definition: (1) Bearing of a point from a navigation aid (in magnetic degrees). ;
 Value Definition:
 Consistency Rules: 1) Loose concatenation applies

**PAR:** [ref](#) (116)**ceqpt****BNF:** SOF + "CEQPT" + [aidequipment](#)

DOC: Detailed Definition: (1) Radio communication, navigation and approach aid equipment : (as ICAO field 10). ;
 Value Definition:
 Consistency Rules: 1) Loose concatenation applies



PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70) | FLIGHT_PLAN_DATA (151)

chgrul

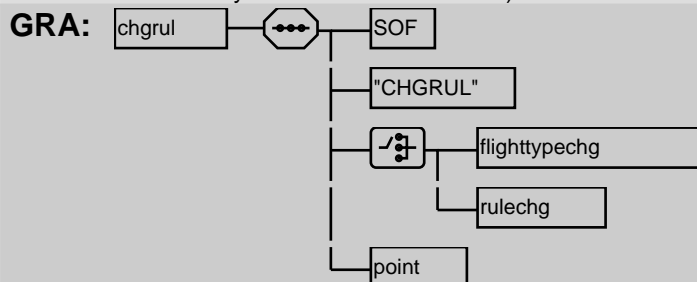
BNF: SOF + "CHGRUL" + [flighttypechg | rulechg] + point

DOC: Detailed Definition: (1) Indication of a change in either the 'flightrules': (VFR/IFR) or the 'type of flight' (OAT/GAT) or both together :with the point at which the change occurs. ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70)

com

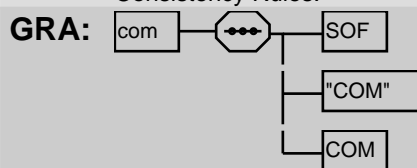
BNF: SOF + "COM" + COM

DOC: Detailed Definition: (1) Communication equipment (as ICAO field 18 COM/). ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70) | FLIGHT_PLAN_DATA (151)

comment

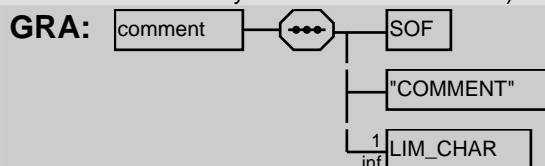
BNF: SOF + "COMMENT" + 1{ LIM_CHAR }

DOC: Detailed Definition: (1) A general comment in free text without hyphen. ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies

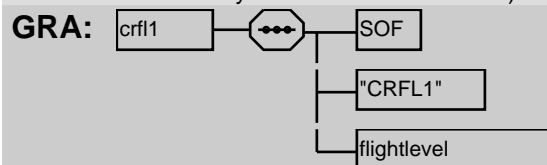


PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_ACK_MESSAGE (134) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_IARR_MESSAGE_INPUT (48) | ADEXP_IARR_MESSAGE_OUTPUT (49) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_ICNL_MESSAGE_INPUT (56) | ADEXP_ICNL_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_INPUT (58) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70) | ADEXP_MAN_MESSAGE (134) | ADEXP_REJ_MESSAGE (135) | FLIGHT_PLAN_DATA (151)

crfl1

BNF: SOF + "CRFL1" + flightlevel

DOC: Detailed Definition: (1)The lower limit of the flightlevel band within which a :cruise climb is requested. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

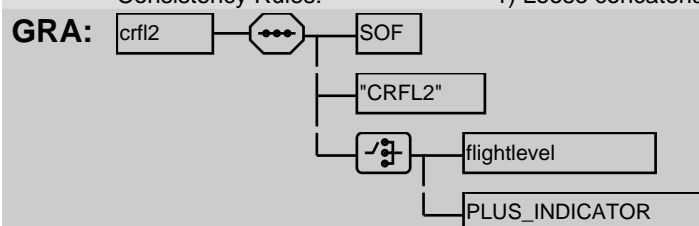


PAR: [crsclimb](#) (88) | [ptcrsclimb](#) (113)

crfl2

BNF: [SOF](#) + "CRFL2" + [[flightlevel](#) | [PLUS_INDICATOR](#)]

DOC: Detailed Definition: (1)The upper limit of the flight level band which a cruise climb :is requested. "PLUS" where the upper limit is unknown. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

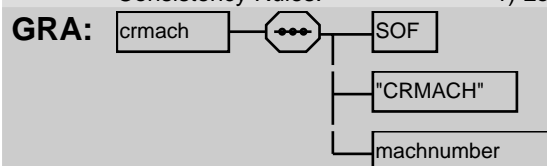


PAR: [crsclimb](#) (88) | [ptcrsclimb](#) (113)

crmach

BNF: [SOF](#) + "CRMACH" + [machnumber](#)

DOC: Detailed Definition: (1)The Mach No. maintained during a cruise climb. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

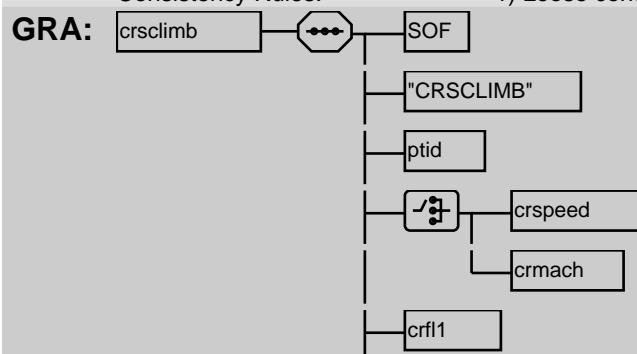


PAR: [crsclimb](#) (88) | [ptcrsclimb](#) (113)

crsclimb

BNF: [SOF](#) + "CRSCLIMB" + [ptid](#) + [[crspeed](#) | [crmach](#)] + [crfl1](#) + [crfl2](#)

DOC: Detailed Definition: (1)Indication of a cruiseclimb. Giving the point at which the climb :will begin, speed or mach no. and the two levels indicating the : flightlevel band to be occupied during the climb. The second level :mayb e "PLUS" where the upper level is unknown. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies



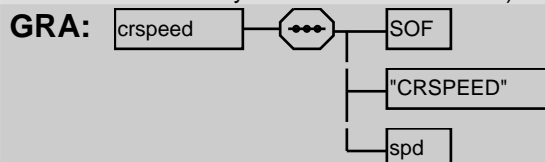
crfl2

PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70)

crspeed

BNF: SOF + "CRSPEED" + spd

DOC: Detailed Definition: (1)The speed to be maintained during a cruise climb.;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

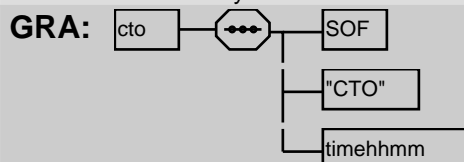


PAR: crsclimb (88) | ptcrsclimb (113)

cto

BNF: SOF + "CTO" + timehhmm

DOC: Detailed Definition: (1)Calculated Time Over a point.;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

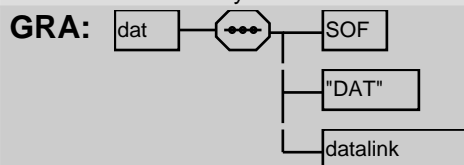


PAR: pt (113)

dat

BNF: SOF + "DAT" + datalink

DOC: Detailed Definition: (1)Indication of the datalink capability by the aircraft. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies



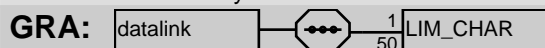
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70) | FLIGHT_PLAN_DATA (151)

datalink

BNF: 1{ LIM_CHAR }50

DOC: Detailed Definition: (1)The ICAO designator of the datalink capability not specified in CEQPT (10a); (2). IFPS shall determine the presence of "CPDLCX" indicator within the DAT string. When present in input, the "CPDLCX" indicator will start the DAT string in output by IFPS

Value Definition:
Consistency Rules:




PAR: dat (89) | FIELD_TYPE_18_ICAO (32) | MSG_FLT_RECORD (198)

date

BNF: year + month + day

DOC- Detailed Definition: (1) A date indication in the format YYMMDD ;

DOC: Detailed Definition:
Value Definition:
Consistency Rules:

GRA: 


PAR: BASE_EVENT_TIME (149) | NEXT_FLIGHT_TIME (160) | ACTIVATION_TIME (145) | add (79) | add (80) | datetime (90) | eobd (94) | eto (98) | valfrom (132) | valuntil (133) | CREATION_DATETIME (166) | EXPIRY_DATE (150) | FILE_CREATION_DATE (150) | VALID_FROM (164) | VALID_UNTIL (164) | VALIDITY_DATE (164) | DOF (183) | AFIL_ETO (172) | EST_DATA (186)

datetime

BNF: date + timehhmm

DOC:	Detailed Definition:	(1)A "date" term as described above and immediately followed by the time in the format, HHMM e.g. 9304240930=0930Z on the 24th April 1993. :
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Value Definition:
Consistency Rules:

GRA: 

PAR: origindt (112)

day

BNF: `["0" | "1" | "2" | "3"] + DIGIT`

DOC: Detailed Definition: (1)A two digit number which may contain the digits from 00 to 31. ;

Detailed Definition:
Value Definition:
Consistency Rules:

GRA:

```
graph LR; day[day] --> encoder{8-to-3 bit priority encoder}; encoder --> decoder[3-to-2 bit decoder]; decoder --> 0["0"]; decoder --> 1["1"]; decoder --> 2["2"]; decoder --> 3["3"]; encoder -.-> DIGIT[DIGIT];
```

PAR: date (90) | filtim (99) | **EVENT_TIMESTAMP** (187)

days

BNF: `SOF` + "DAYS" + `numdays`

DOC: Detailed Definition: (1)Days of operation for a repetitive flight plan (1234567) : where 1 is for Monday, 2 for Tuesday, ...,with 0 in columns : of non-operation). ;

Value Definition:
Consistency Rules:

1) Loose concatenation applies

GRA:

```
graph LR; days[days] --- M((...)); M --- SOF[SOF]; M --- DAYS["\"DAYS\""]; M --- numdays[numdays];
```

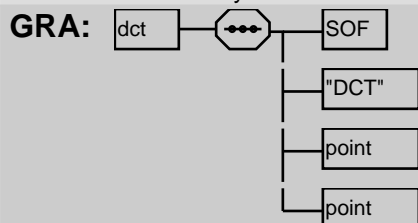
PAR: msgsum (107) | FLIGHT_PLAN_DATA (151)

dct**BNF:** SOF + "DCT" + point + point**DOC:** Detailed Definition: (1)Indicates a direct route between two points. The points may : either be a valid ICAO designator of a point or a point appearing : in a GEO, REN or REF field of the form GEOxx, RENxx or REFxx. ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



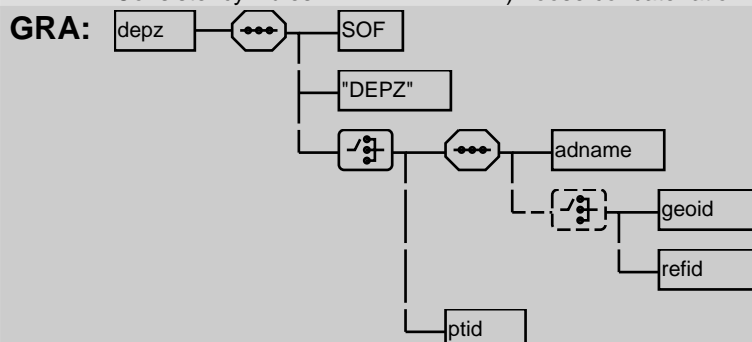
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70)

depz**BNF:** SOF + "DEPZ" + [adname + ([geoid | refid])] | ptid]**DOC:** Detailed Definition: (1)Name and location of departure aerodrome if no ICAO location indicator exists.;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



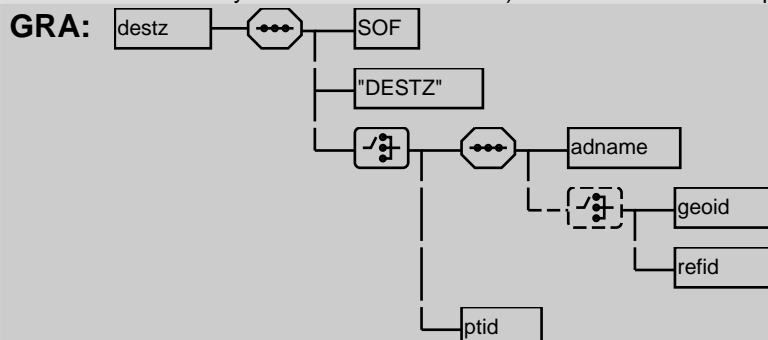
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_IARR_MESSAGE_INPUT (48) | ADEXP_IARR_MESSAGE_OUTPUT (49) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_ICNL_MESSAGE_INPUT (56) | ADEXP_ICNL_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_INPUT (58) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70) | FLIGHT_PLAN_DATA (151)

destz**BNF:** SOF + "DESTZ" + [adname + ([geoid | refid])] | ptid]**DOC:** Detailed Definition: (1)Name and location of destination aerodrome if no ICAO location indicator exists. ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_IARR_MESSAGE_INPUT (48) | ADEXP_IARR_MESSAGE_OUTPUT (49) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_ICNL_MESSAGE_INPUT (56) | ADEXP_ICNL_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_INPUT (58) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70) | FLIGHT_PLAN_DATA (151)

distnc

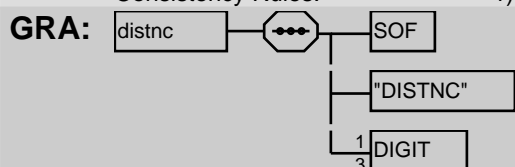
BNF: SOF + "DISTNC" + 1{ DIGIT }3

DOC: Detailed Definition: (1) Distance of a point from a navigation aid in nautical miles. : => Must be 1 to 3 digits, possibly with leading zeros. ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



PAR: [ref](#) (116)

dle

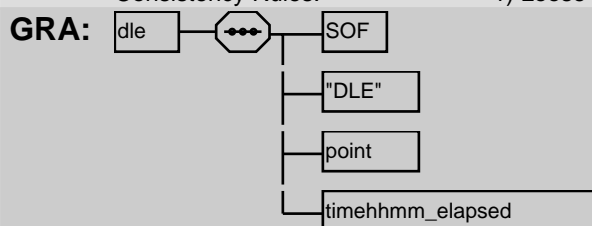
BNF: SOF + "DLE" + point + timehhmm_elapsed

DOC: Detailed Definition: (1) Indicate a delay on a point of the route. ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70) | FLIGHT_PLAN_DATA (151)

eetfir

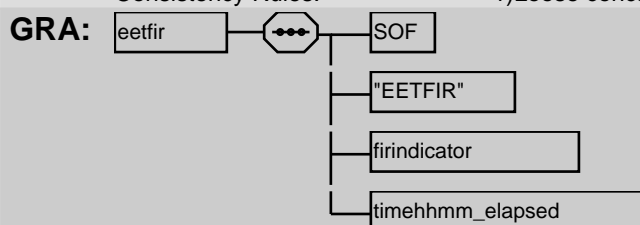
BNF: SOF + "EETFIR" + firindicator + timehhmm_elapsed

DOC: Detailed Definition: (1) FIR identification and the accumulated elapsed time (in hours : and minutes) to the FIR boundary. ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



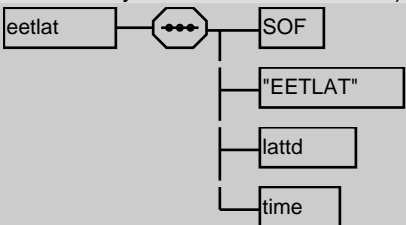
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70) | FLIGHT_PLAN_DATA (151)

eetlat

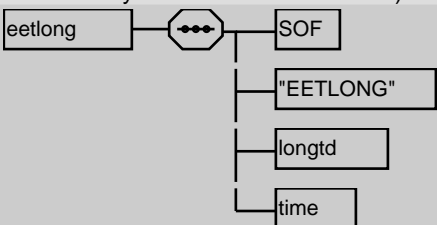
BNF: SOF + "EETLAT" + lattd + time

DOC: Detailed Definition: (1) Indication of an elapsed time to a position given by latitude : only. ;

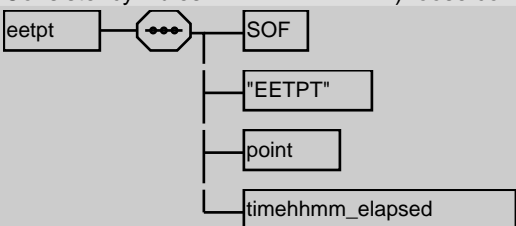
Value Definition:

Consistency Rules:		1) Loose concatenation applies
GRA:		
PAR:	ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) ADEXP_IACH_MESSAGE_OUTPUT (40) ADEXP_IAFP_MESSAGE_INPUT (43) ADEXP_IAPL_MESSAGE_OUTPUT (45) ADEXP_ICHG_MESSAGE_INPUT (50) ADEXP_ICHG_MESSAGE_OUTPUT (53) ADEXP_IDEP_MESSAGE_OUTPUT (59) ADEXP_IDLA_MESSAGE_INPUT (61) ADEXP_IDLA_MESSAGE_OUTPUT (64) ADEXP_IFPL_MESSAGE_INPUT (67) ADEXP_IFPL_MESSAGE_OUTPUT (70) FLIGHT_PLAN_DATA (151)	

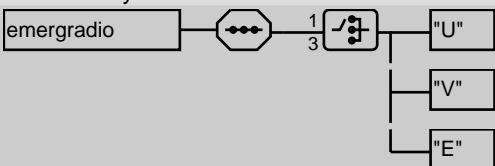
eetlong

BNF:	SOF + "EETLONG" + longtd + time	
DOC:	Detailed Definition:	(1) Indication of an elapsed time to a position given by : longitude only. ;
	Value Definition:	
	Consistency Rules:	1) Loose concatenation applies
GRA:		
PAR:	ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) ADEXP_IACH_MESSAGE_OUTPUT (40) ADEXP_IAFP_MESSAGE_INPUT (43) ADEXP_IAPL_MESSAGE_OUTPUT (45) ADEXP_ICHG_MESSAGE_INPUT (50) ADEXP_ICHG_MESSAGE_OUTPUT (53) ADEXP_IDEP_MESSAGE_OUTPUT (59) ADEXP_IDLA_MESSAGE_INPUT (61) ADEXP_IDLA_MESSAGE_OUTPUT (64) ADEXP_IFPL_MESSAGE_INPUT (67) ADEXP_IFPL_MESSAGE_OUTPUT (70) FLIGHT_PLAN_DATA (151)	

eetpt

BNF:	SOF + "EETPT" + point + timehhmm_elapsed	
DOC:	Detailed Definition:	(1) Point identifier and the accumulated elapsed time to the point. ;
	Value Definition:	
	Consistency Rules:	1) Loose concatenation applies
GRA:		
PAR:	ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) ADEXP_IACH_MESSAGE_OUTPUT (40) ADEXP_IAFP_MESSAGE_INPUT (43) ADEXP_IAPL_MESSAGE_OUTPUT (45) ADEXP_ICHG_MESSAGE_INPUT (50) ADEXP_ICHG_MESSAGE_OUTPUT (53) ADEXP_IDEP_MESSAGE_OUTPUT (59) ADEXP_IDLA_MESSAGE_INPUT (61) ADEXP_IDLA_MESSAGE_OUTPUT (64) ADEXP_IFPL_MESSAGE_INPUT (67) ADEXP_IFPL_MESSAGE_OUTPUT (70) FLIGHT_PLAN_DATA (151)	

emergradio

BNF:	1{ ["U" "V" "E"] }3	
DOC:	Detailed Definition:	(1) Indicator of the type of emergency radio equipment on board :the aircraft. May be one or more of the specified characters in any order but without repetition;
	Value Definition:	
	Consistency Rules:	
GRA:		

PAR: [splr](#) (125) | [FIELD_TYPE_19_ICAO](#) (36)

entrydata

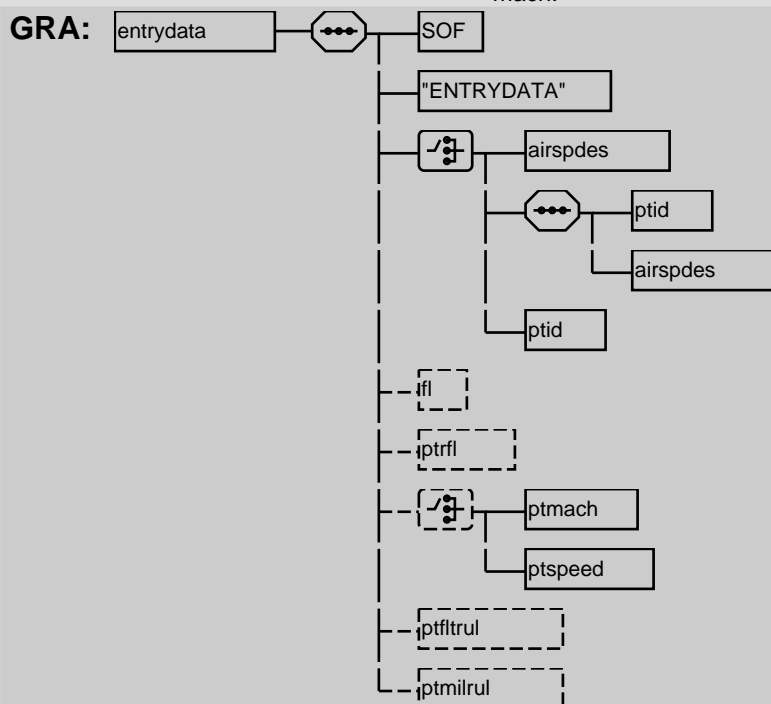
BNF: [SOF](#) + "ENTRYDATA" + [[airspdes](#) | [ptid](#) + [airspdes](#) | [ptid](#)] + ([fl](#)) + ([ptrfl](#)) + ([[ptmach](#) | [ptspeed](#)]) + ([ptfltrul](#)) + ([ptmilrul](#))

DOC: Detailed Definition: (1) The flight plan data which is applicable to a flight at the point given or at the entry of the flight into the airspace concerned. One or both of the fields :pt or airspdes must be present. ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies. 2) When present in an IFPS message, this field contains always and only subfields ptid, ptrfl and one of ptspeed or ptmach.



PAR: [ADEXP_IACH_MESSAGE_OUTPUT](#) (40) | [ADEXP_IAPL_MESSAGE_OUTPUT](#) (45) | [ADEXP_ICHG_MESSAGE_OUTPUT](#) (53) | [ADEXP_IDEP_MESSAGE_OUTPUT](#) (59) | [ADEXP_IDLA_MESSAGE_OUTPUT](#) (64) | [ADEXP_IFPL_MESSAGE_OUTPUT](#) (70)

eobd

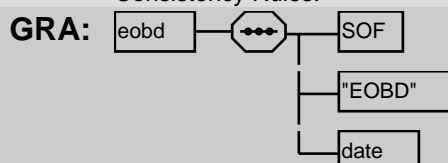
BNF: [SOF](#) + "EOBD" + [date](#)

DOC: Detailed Definition: (1) Estimated Off-Block Date. ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



PAR: [ADEXP_IFPL_TACT_MESSAGE_OUTPUT](#) (146) | [rhsgsum](#) (107) | [ADEXP_IACH_MESSAGE_OUTPUT](#) (40) | [ADEXP_IAFP_MESSAGE_INPUT](#) (43) | [ADEXP_IAPL_MESSAGE_OUTPUT](#) (45) | [ADEXP_IARR_MESSAGE_INPUT](#) (48) | [ADEXP_IARR_MESSAGE_OUTPUT](#) (49) | [ADEXP_ICHG_MESSAGE_INPUT](#) (50) | [ADEXP_ICHG_MESSAGE_OUTPUT](#) (53) | [ADEXP_ICNL_MESSAGE_INPUT](#) (56) | [ADEXP_ICNL_MESSAGE_OUTPUT](#) (57) | [ADEXP_IDEP_MESSAGE_INPUT](#) (58) | [ADEXP_IDEP_MESSAGE_OUTPUT](#) (59) | [ADEXP_IDLA_MESSAGE_INPUT](#) (61) | [ADEXP_IDLA_MESSAGE_OUTPUT](#) (64) | [ADEXP_IFPL_MESSAGE_INPUT](#) (67) | [ADEXP_IFPL_MESSAGE_OUTPUT](#) (70) | [ADEXP_IRQP_MESSAGE_INPUT](#) (73)

eobt

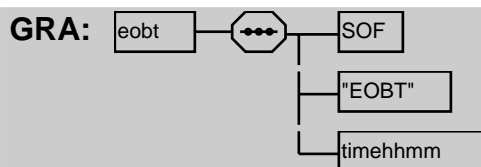
BNF: [SOF](#) + "EOBT" + [timehhmm](#)

DOC: Detailed Definition: (1) Estimated Off-Block Time (EOBT).;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_IARR_MESSAGE_INPUT (48) | ADEXP_IARR_MESSAGE_OUTPUT (49) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_ICNL_MESSAGE_INPUT (56) | ADEXP_ICNL_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_INPUT (58) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70) | ADEXP_IRQP_MESSAGE_INPUT (73) | FLIGHT_PLAN_DATA (151)

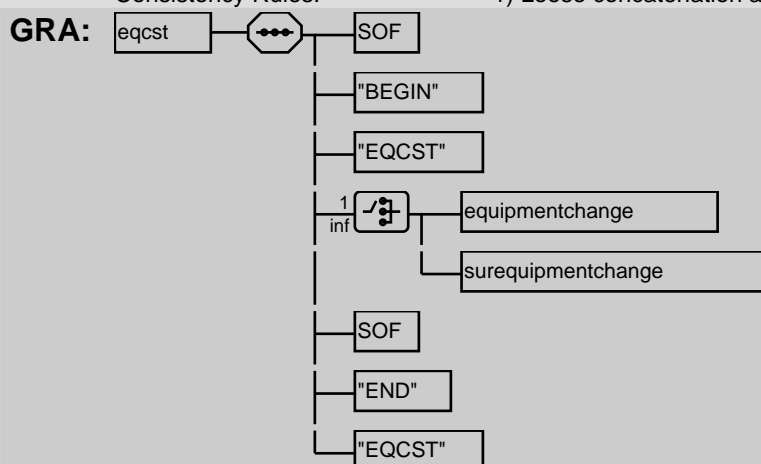
eqcst

BNF: SOF + "BEGIN" + "EQCST" + 1 { [equipmentchange | surequipmentchange] } + SOF + "END" + "EQCST"

DOC: Detailed Definition: (1) List of changes to radio communication, navigation and approach aid equipment. ;

Value Definition:

Consistency Rules: 1) Loose concatenation applies



PAR: ADEXP_IAFP_MESSAGE_INPUT (43)

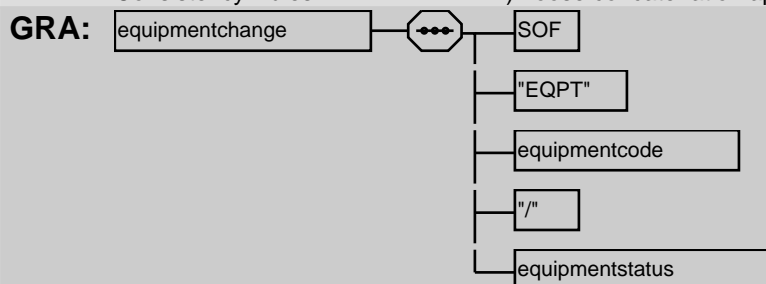
equipmentchange

BNF: SOF + "EQPT" + equipmentcode + "/" + equipmentstatus

DOC: Detailed Definition: (1) A valid ICAO code to indicate the equipment being changed along with its new status. ;

Value Definition:

Consistency Rules: 1) Loose concatenation applies

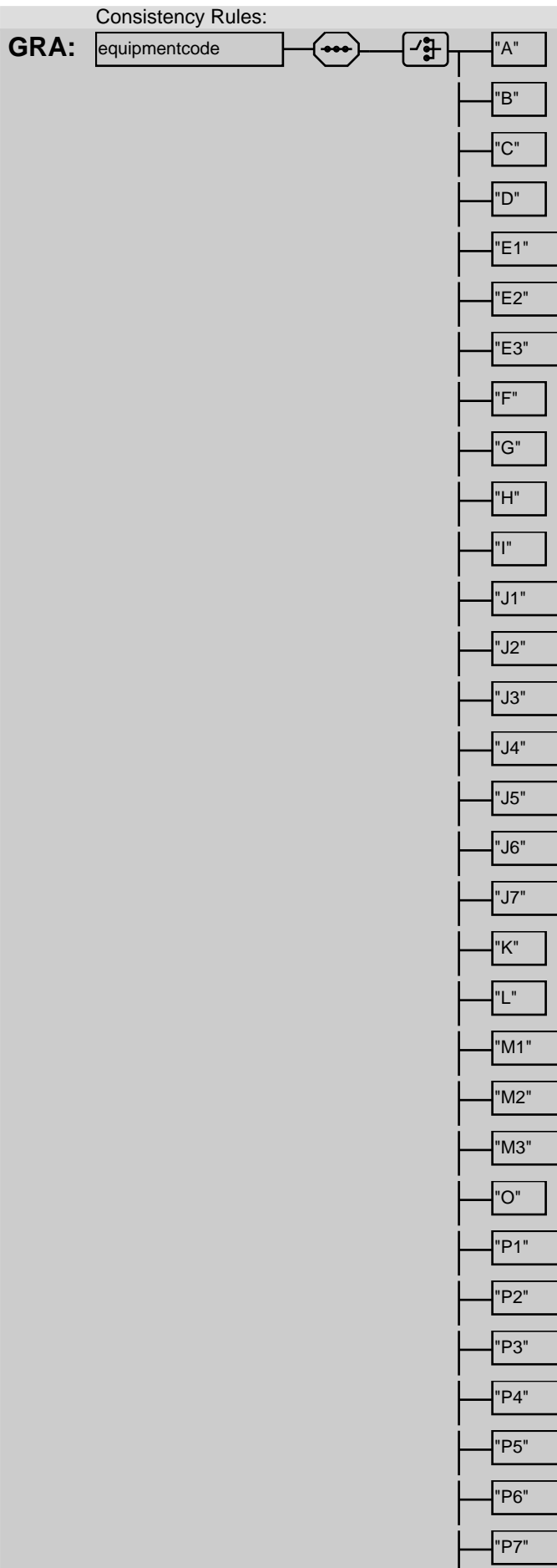


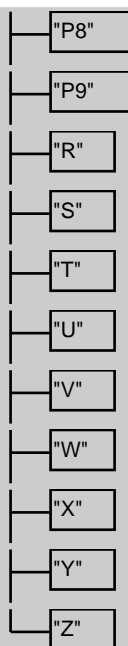
PAR: eqcst (95)

equipmentcode

BNF: ["A" | "B" | "C" | "D" | "E1" | "E2" | "E3" | "F" | "G" | "H" | "I" | "J1" | "J2" | "J3" | "J4" | "J5" | "J6" | "J7" | "K" | "L" | "M1" | "M2" | "M3" | "O" | "P1" | "P2" | "P3" | "P4" | "P5" | "P6" | "P7" | "P8" | "P9" | "R" | "S" | "T" | "U" | "V" | "W" | "X" | "Y" | "Z"]

DOC: Detailed Definition: (1) A valid ICAO code to indicate the equipment carried (including value "S"). ;
Value Definition:





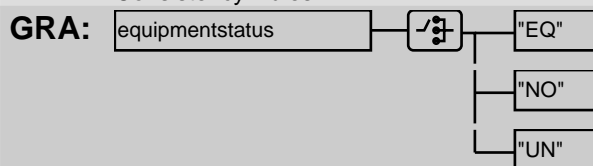
PAR: [aidequipment](#) (82) | [equipmentchange](#) (95)

equipmentstatus

BNF: ["EQ" | "NO" | "UN"]

DOC: Detailed Definition: (1) Two-letter status value describing the status of the aircraft capability. ;
Value Definition: EQ = equipped and available; NO = not equipped for any reason UN = Un-
known compliance status

Consistency Rules:

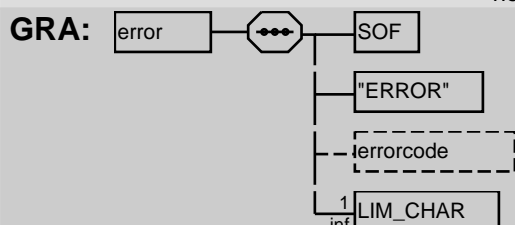


PAR: [equipmentchange](#) (95) | [surequipmentchange](#) (129)

error

BNF: [SOF](#) + "ERROR" + ([errorcode](#)) + 1{ [LIM_CHAR](#) }

DOC: Detailed Definition: (1)Error message text. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies 2) If field is present in an IFPS message, it does not include the errorcode option



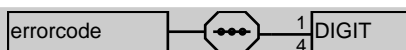
PAR: [ADEXP_REJ_MESSAGE](#) (135)

errorcode

BNF: 1{ [DIGIT](#) }4

DOC: Detailed Definition: (1)Error message code number. ;
Value Definition:
Consistency Rules:

GRA:



PAR: [error](#) (97)

estdata

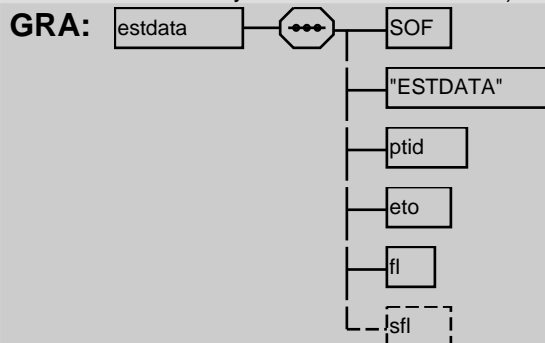
BNF: [SOF](#) + "ESTDATA" + [ptid](#) + [eto](#) + [fl](#) + ([sfl](#))

DOC: Detailed Definition: (1) Estimate data. A point id. the estimated flightlevel (flight: level number) and the estimate date-time at this point followed :optionally by the supplementary flightlevel (flightlevel number :followed by the indicator A or B). ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



PAR: [ADEXP_IACH_MESSAGE_OUTPUT](#) (40) | [ADEXP_IAFP_MESSAGE_INPUT](#) (43) | [ADEXP_IAPL_MESSAGE_OUTPUT](#) (45)

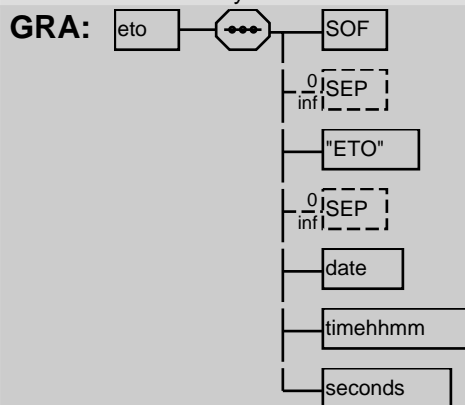
eto

BNF: [SOF](#) + 0{ [SEP](#) } + "ETO" + 0{ [SEP](#) } + [date](#) + [timehhmm](#) + [seconds](#)

DOC: Detailed Definition: (1) Estimated time over a point, in year, month, day, hours, : minutes, and seconds. ;

Value Definition:

Consistency Rules:



PAR: [afildata](#) (82) | [estdata](#) (98) | [pt](#) (113)

eur

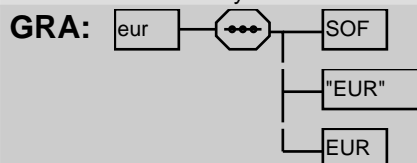
BNF: [SOF](#) + "EUR" + [EUR](#)

DOC: Detailed Definition: (1) Reason for special handling, as ICAO field18 EUR./ . ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



PAR: [ADEXP_IFPL_TACT_MESSAGE_OUTPUT](#) (146) | [ADEXP_IACH_MESSAGE_OUTPUT](#) (40) | [ADEXP_IAFP_MESSAGE_INPUT](#) (43) | [ADEXP_IAPL_MESSAGE_OUTPUT](#) (45) | [ADEXP_ICHG_MESSAGE_INPUT](#) (50) | [ADEXP_ICHG_MESSAGE_OUTPUT](#) (53) | [ADEXP_IDEP_MESSAGE_OUTPUT](#) (59) | [ADEXP_IDLA_MESSAGE_INPUT](#) (61) | [ADEXP_IDLA_MESSAGE_OUTPUT](#)

) | [ADEXP_IFPL_MESSAGE_INPUT](#) (67) | [ADEXP_IFPL_MESSAGE_OUTPUT](#) (70) | [FLIGHT_PLAN_DATA](#) (151)**eurflightplanstatus****BNF:** "PROTECTED"

DOC: Detailed Definition: (1)The reason for special treatment as indicated in field 18 EUR/. ; (2) It should be noted that the PROTECTED indicator is not output by IFPS to external addresses (TACT will receive it). ATC units will therefore not receive the EUR/PROTECTED indication.

Value Definition:
Consistency Rules:

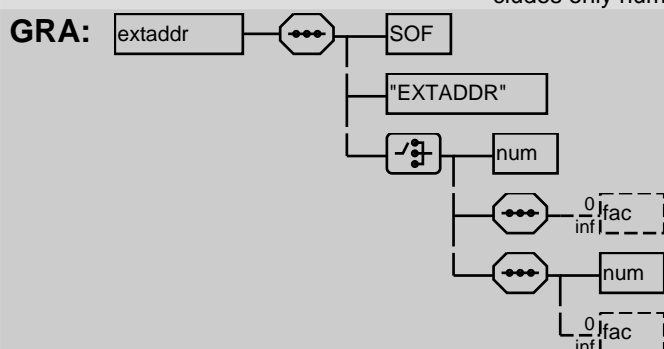
GRA:

PAR: [EUR](#) (186)**extaddr****BNF:** [SOF](#) + "EXTADDR" + [[num](#) | 0{ [fac](#) } | [num](#) + 0{ [fac](#) }]

DOC: Detailed Definition: (1)Addressees which are not automatically extracted by the CFMU : systems i.e.'extra addresses'. ;

Value Definition:
Consistency Rules:

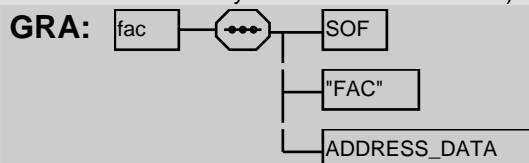
1) Loose concatenation applies. 2) If field is present in an IFPS message, it includes only num option

**PAR:** [ADEXP_ACK_MESSAGE](#) (134)**fac****BNF:** [SOF](#) + "FAC" + [ADDRESS_DATA](#)

DOC: Detailed Definition: (1)Address data. ;

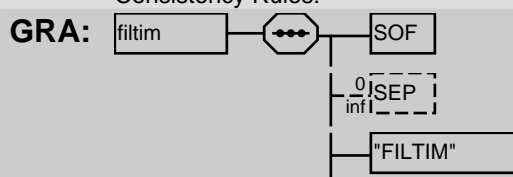
Value Definition:

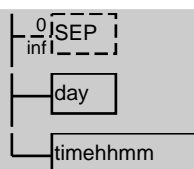
Consistency Rules: 1) Loose concatenation applies

**PAR:** [addr](#) (80) | [extaddr](#) (99) | [extaddr](#) (99) | [origin](#) (111) | [origin](#) (111)**filtim****BNF:** [SOF](#) + 0{ [SEP](#) } + "FILTIM" + 0{ [SEP](#) } + [day](#) + [timehhmm](#)

DOC: Detailed Definition: (1)Daytime group specifying when the message was filed for transmission. ;

Value Definition:
Consistency Rules:





PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_ACK_MESSAGE (134) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_IARR_MESSAGE_INPUT (48) | ADEXP_IARR_MESSAGE_OUTPUT (49) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_ICNL_MESSAGE_INPUT (56) | ADEXP_ICNL_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_INPUT (58) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70) | ADEXP_IRQP_MESSAGE_INPUT (73) | ADEXP_MAN_MESSAGE (134) | ADEXP_REJ_MESSAGE (135)

firindicator

BNF: 4{ ALPHABETIC }4

DOC: Detailed Definition: (1) A valid ICAO designator of an FIR. ;
Value Definition:
Consistency Rules:

GRA: 4 ALPHABETIC

PAR: eefir (92) | EET (184) | EET_FIR (184)

fl

BNF: SOF + "FL" + flightlevel

DOC: Detailed Definition: (1) A generic flight level field. : May be a "SFL", "EFL", "CFL", "RFL", etc. depending on its context. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA: SOF
"FL"
flightlevel

PAR: aflightdata (82) | entrydata (94) | estdata (98) | flblock (100) | flblock (100) | pt (113)

flblock

BNF: SOF + "FLBLOCK" + fl + fl

DOC: Detailed Definition: (1) A flight level block defining an airspace vertically, : inclusive of the flight levels given. A block defined as : below or above a flight level shall be expressed respectively : as from flight level 000 to the specified level or as from the : specified level to flight level 999. ;

Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA: SOF
"FLBLOCK"
fl
fl

PAR: pt (113)

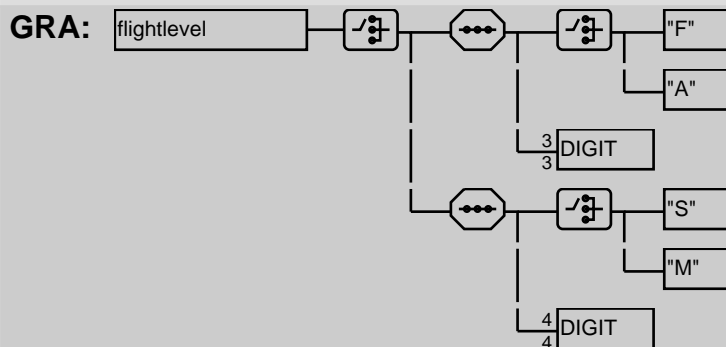
flightlevel

BNF: [["F" | "A"] + 3{ DIGIT }3 [["S" | "M"] + 4{ DIGIT }4]

DOC: Detailed Definition: (1) A flight level expressed either as "F" or "A" followed by three : digits or "S" or "M" followed by four digits. ;
Value Definition:
Consistency Rules:

Auto Correction Rules:

1. On input by IFPS, when "L" is found after "F"; it is ignored

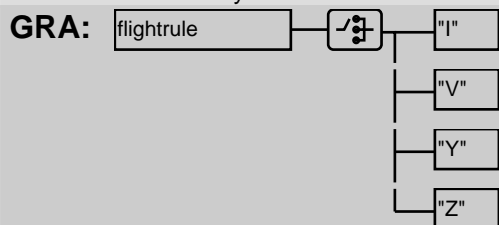


PAR: [crfl1](#) (87) | [crfl2](#) (88) | [fl](#) (100) | [ptrfl](#) (115) | [rfl](#) (118) | [sfl](#) (122) | [FIELD_TYPE_14_ICAO](#) (29) | [FIELD_TYPE_14_ICAO](#) (29) | [INIT_REQ_FL_SPEED](#) (168) | [REQ_FL_SPEED](#) (169) | [CRUISE_CLIMB_CRUISING_LEVEL](#) (180) | [CRUISING_LEVEL](#) (181) | [AFIL_FL](#) (172) | [EST_DATA](#) (186) | [EST_DATA](#) (186)

flightrule

BNF: ["I" | "V" | "Y" | "Z"]

DOC: Detailed Definition: (1) The flight rule indicator of a flight.;
Value Definition:
Consistency Rules:

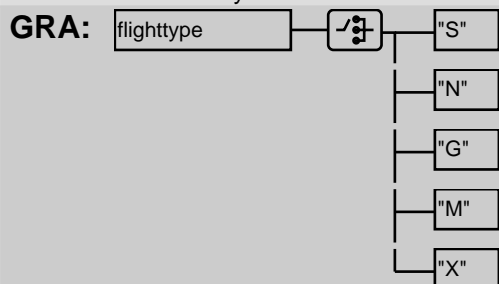


PAR: [fltrul](#) (102) | [FIELD_TYPE_8_ICAO](#) (38) | [flightrule_extended](#) (188)

flighttype

BNF: ["S" | "N" | "G" | "M" | "X"]

DOC: Detailed Definition: (1) The type of flight as indicated by the ICAO designator used. ;
Value Definition:
Consistency Rules:

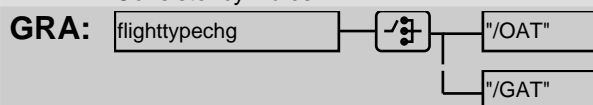


PAR: [fltyp](#) (102) | [FIELD_TYPE_8_ICAO](#) (38) | [flighttype_extended](#) (188) | [SAFA_MATCHED_FLIGHT](#) (214)

flighttypechg

BNF: ["/OAT" | "/GAT"]

DOC: Detailed Definition: (1) To indicate, in the route of a flight, a change in the type of flight. ;
Value Definition:
Consistency Rules:

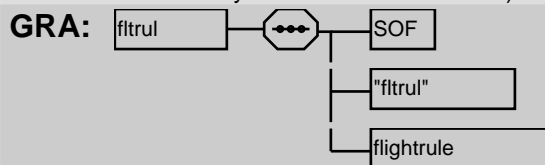


PAR: [chgrul](#) (87) | [ptrulchg](#) (115) | [ptrulchg](#) (115)

fltrul**BNF:** SOF + "fltrul" + flightrule**DOC:** Detailed Definition: (1)Flight rule, as ICAO field 8. ;

Value Definition:

Consistency Rules: 1) Loose concatenation applies

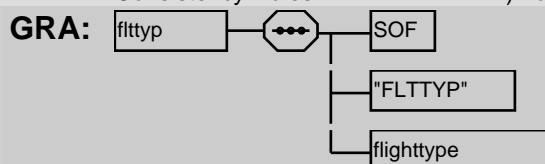


PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70) | FLIGHT_PLAN_DATA (151)

flttyp**BNF:** SOF + "FLTTYP" + flighttype**DOC:** Detailed Definition: (1)Type of flight,as ICAO field 8. ;

Value Definition:

Consistency Rules: 1) Loose concatenation applies

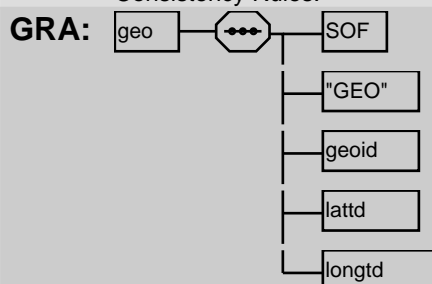


PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70) | FLIGHT_PLAN_DATA (151)

geo**BNF:** SOF + "GEO" + geoid + lattd + longtd**DOC:** Detailed Definition: (1)Point along a route defined by latitude and longitude and :given inthe flight plan, as GEOxx (where xx is a sequence number).;

Value Definition:

Consistency Rules: 1) Loose concatenation applies

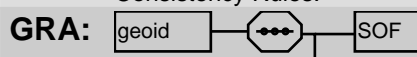


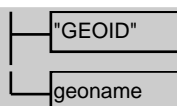
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70) | FLIGHT_PLAN_DATA (151)

geoid**BNF:** SOF + "GEOID" + geoname**DOC:** Detailed Definition: (1)Identifier of a geographical point made of "GEO" followed by a : sequence number (example. "GEO12"). ;

Value Definition:

Consistency Rules: 1) Loose concatenation applies





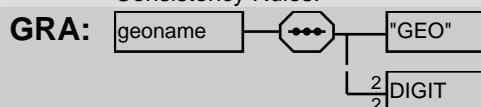
PAR: [depz](#) (91) | [destz](#) (91) | [geo](#) (102)

geoname

BNF: "GEO" + 2{ [DIGIT](#) }2

DOC: Detailed Definition: (1)The identification given to a geographical position expressed : in latitude and longitude. ;

Value Definition:
Consistency Rules:



PAR: [geoid](#) (102)

icaoairdrome

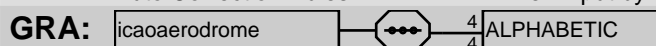
BNF: 4{ [ALPHABETIC](#) }4

DOC: Detailed Definition: (1)A four letter ICAO designator of an aerodrome.;

Value Definition:

Consistency Rules:

Auto Correction Rules: When input by IFPS any spaces found are ignored.



PAR: [ALTERNATE_AERODROME](#) (174) | [ARRIVAL_AERODROME](#) (175) | [DEPARTURE_AERODROME](#) (182) | [NEW RTE](#) (168) | [NEW RTE](#) (168) | [NEW RTE](#) (168) | [NEW RTE](#) (168) | [DESTINATION_AERODROME](#) (183)

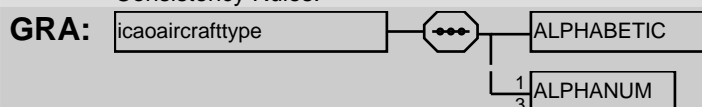
icaoaircrafttype

BNF: [ALPHABETIC](#) + 1{ [ALPHANUM](#) }3

DOC: Detailed Definition: (1)An ICAO designator of an aircraft type. ;

Value Definition:

Consistency Rules:



PAR: [arctyp](#) (85) | [AIRCRAFT_TYPE_ICAO](#) (172)

icaocontent

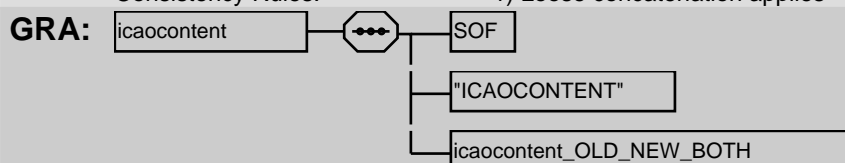
BNF: [SOF](#) + "ICAOCONTENT" + [icaocontent_OLD_NEW_BOTH](#)

DOC: Detailed Definition: (1)Indicate if the flight plan contains NEW or OLD ICAO data element. (2) This is relative to the ICAO 2012 changes. The value BOTH indicates that nothing in the flight plan allows to determine if is is NEW or OLD. (3) This field is only present in message send by IFPS to TACT and DWH ; (4) It shall be placed just after the TITLE field

Value Definition:

Consistency Rules:

1) Loose concatenation applies

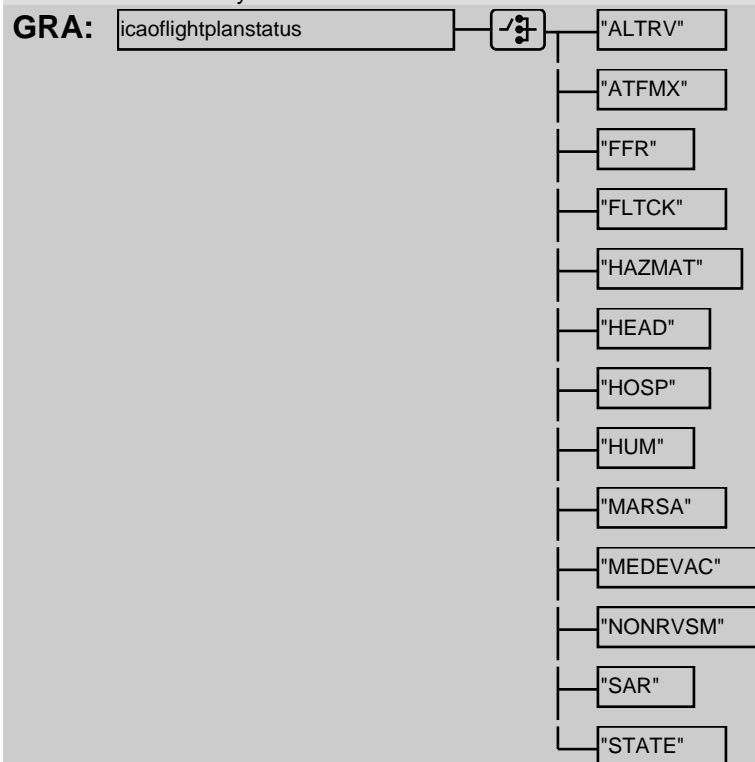


PAR: [ADEXP_IFPL_TACT_MESSAGE_OUTPUT](#) (146) | [ADEXP_IACH_MESSAGE_OUTPUT](#) (40) | [ADEXP_IAPL_MESSAGE_OUTPUT](#) (45) | [ADEXP_IARR_MESSAGE_OUTPUT](#) (49) | [ADEXP_ICHG_MESSAGE_OUTPUT](#) (53) | [ADEXP_ICNL_MESSAGE_OUTPUT](#) (57) | [ADEXP_IDEP_MESSAGE_OUTPUT](#) (59) | [ADEXP_IDLA_MESSAGE_OUTPUT](#) (64) | [ADEXP_IFPL_MESSAGE_OUTPUT](#) (70)

icaoflightplanstatus

BNF: ["ALTRV" | "ATFMX" | "FFR" | "FLTCK" | "HAZMAT" | "HEAD" | "HOSP" | "HUM" | "MARSA" | "MEDEVAC" | "NONRVSM" | "SAR" | "STATE"]

DOC: Detailed Definition: (1)The reason for special treatment as indicated in field 18 STS/. ;
Value Definition:
Consistency Rules:

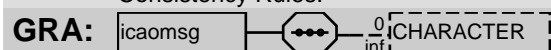


PAR: STS (219)

icaomsg

BNF: 0{ CHARACTER }

DOC: Detailed Definition: (1)An ICAO message, conforming to the syntax described in Ref.{4}. ;
Value Definition:
Consistency Rules:

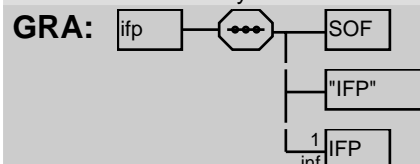


PAR: msgtxt (108)

ifp

BNF: SOF + "IFP" + 1{ IFP }

DOC: Detailed Definition: (1)Indication of known errors within a FPL. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

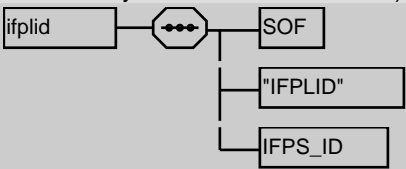


PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70)


ifplid

BNF: SOF + "IFPLID" + IFPS_ID

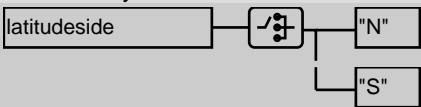
DOC: Detailed Definition: (1)A unique flight plan identifier, assigned by the IFPS. ;
Value Definition:

Consistency Rules:		1) Loose concatenation applies
GRA:		
PAR:	ADEXP_ACK_MESSAGE (134) ADEXP_IACH_MESSAGE_OUTPUT (40) ADEXP_IAFP_MESSAGE_INPUT (43) ADEXP_IAPL_MESSAGE_OUTPUT (45) ADEXP_IARR_MESSAGE_INPUT (48) ADEXP_IARR_MESSAGE_OUTPUT (49) ADEXP_ICHG_MESSAGE_INPUT (50) ADEXP_ICHG_MESSAGE_OUTPUT (53) ADEXP_ICNL_MESSAGE_INPUT (56) ADEXP_ICNL_MESSAGE_OUTPUT (57) ADEXP_IDEP_MESSAGE_INPUT (58) ADEXP_IDEP_MESSAGE_OUTPUT (59) ADEXP_IDLA_MESSAGE_OUTPUT (64) ADEXP_IFPL_MESSAGE_OUTPUT (70) ADEXP_IRQP_MESSAGE_INPUT (73)	

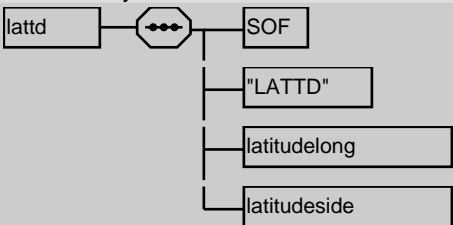
latitudelong

BNF:	6{ DIGIT }
DOC:	Detailed Definition: (1)A latitude expressed as six digits. ; Value Definition: Consistency Rules:
GRA:	
PAR:	lattd (105)

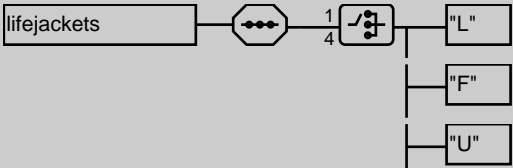
latitudeside

BNF:	["N" "S"]
DOC:	Detailed Definition: (1)An indicator for "North" or "South" latitude. ; Value Definition: Consistency Rules:
GRA:	
PAR:	lattd (105)

lattd

BNF:	SOF + "LATTD" + latitudelong + latitudeside
DOC:	Detailed Definition: (1)Latitude in degrees, minutes, seconds, and direction : (North or South). ; Value Definition: Consistency Rules:
GRA:	
PAR:	eetlat (92) geo (102)

lifejackets

BNF:	1{ ["L" "F" "U" "V"] }4
DOC:	Detailed Definition: (1)The ICAO indicator of the type of lifejackets carried. :May be one or more of the defined characters in any order : but without repetition. As given in field 19. ; Value Definition: Consistency Rules:
GRA:	



PAR: [splj](#) (125) [FIELD_TYPE_19_ICAO](#) (36)

longitudelong

BNF: 7{ [DIGIT](#) }7

DOC: Detailed Definition: (1)A longitude expressed as seven digits. ;

Value Definition:

Consistency Rules:

GRA:

PAR: [longtd](#) (106)

longitudeside

BNF: ["E" | "W"]

DOC: Detailed Definition: (1)An indicator for "East" or "West" longitude. ;

Value Definition:

Consistency Rules:

GRA:

PAR: [longtd](#) (106)

longtd

BNF: [SOF](#) + 0{ [SEP](#) } + "LONGTD" + 0{ [SEP](#) } + [longitudelong](#) + [longitudeside](#)

DOC: Detailed Definition: Longitude in degrees, minutes, seconds and direction (East or West);

Value Definition:

Consistency Rules:

GRA:

PAR: [eetlong](#) (93) | [geo](#) (102)

mach

BNF: [SOF](#) + "MACH" + [machnumber](#) + ([point](#))

DOC: Detailed Definition: (1)Mach number, in hundredths of a unit and optionally the point : at which the change is requested.;

Value Definition:

Consistency Rules:

(1)Loose concatenation applies. (2)If option point is not present, machnumber is the initial requested mach number for the flight.

GRA:

PAR: [ADEXP_IFPL_TACT_MESSAGE_OUTPUT](#) (146) | [ADEXP_IACH_MESSAGE_OUTPUT](#) (40) | [ADEXP_IAFP_MESSAGE_INPUT](#)

43) | [ADEXP_IAPL_MESSAGE_OUTPUT](#) (45) | [ADEXP_ICHG_MESSAGE_INPUT](#) (50) | [ADEXP_ICHG_MESSAGE_OUTPUT](#) (53) | [ADEXP_IDEP_MESSAGE_OUTPUT](#) (59) | [ADEXP_IDLA_MESSAGE_INPUT](#) (61) | [ADEXP_IDLA_MESSAGE_OUTPUT](#) (64) | [ADEXP_IFPL_MESSAGE_INPUT](#) (67) | [ADEXP_IFPL_MESSAGE_OUTPUT](#) (70)

machnumber

BNF: "M" + 3{ [DIGIT](#) }

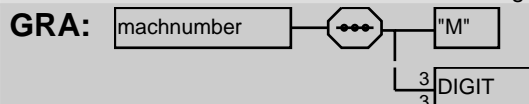
DOC: Detailed Definition: (1)The Mach number. ;

Value Definition:

Consistency Rules:

Auto Correction Rules:

1. On input by IFPS, when received in an ICAO message, any letter "O" is replaced by digit"0". 2. On input by IFPS, missing leading zeros are accepted, and inserted in IFPS output



PAR: [crmach](#) (88) | [mach](#) (106) | [ptmach](#) (114) | [CRUISING_SPEED](#) (181)

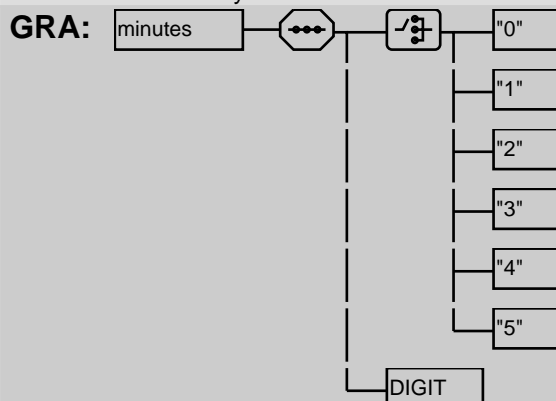
minutes

BNF: ["0" | "1" | "2" | "3" | "4" | "5"] + [DIGIT](#)

DOC: Detailed Definition: (1)Minutes. Two digits from "00" to "59". ;

Value Definition:

Consistency Rules:



PAR: [TIME_HH_MM_SS](#) (220) | [TIME_HH_MM](#) (220)

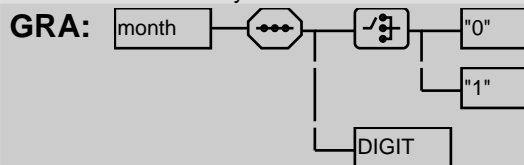
month

BNF: ["0" | "1"] + [DIGIT](#)

DOC: Detailed Definition: (1)Month, expressed as a two digit number. ;

Value Definition:

Consistency Rules:



PAR: [date](#) (90) | [EVENT_TIMESTAMP](#) (187)

msgsum

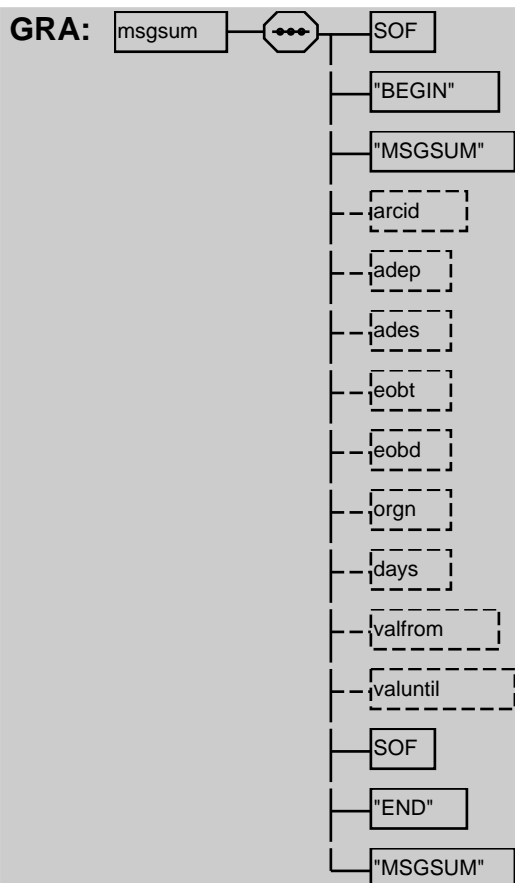
BNF: [SOF](#) + "BEGIN" + "MSGSUM" + ([arcid](#)) + ([adep](#)) + ([ades](#)) + ([eobt](#)) + ([eobd](#)) + ([orgn](#)) + ([days](#)) + ([valfrom](#)) + ([valuntil](#)) + [SOF](#) + "END" + "MSGSUM"

DOC: Detailed Definition: (1)Contains a summary of a message. Note. The optional fields are : used when relevant i.e. when repetitive flight plan data are :concerned. One or more of the fields arcid, adep, ades, eobt, eobd and orgn must be present.;

Value Definition:

Consistency Rules:

1) Loose concatenation applies

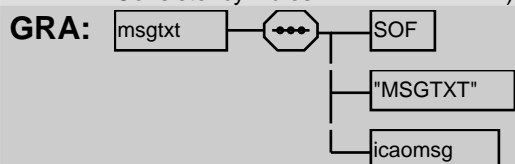


PAR: [ADEXP_ACK_MESSAGE](#) (134) [ADEXP_MAN_MESSAGE](#) (134) [ADEXP_REJ_MESSAGE](#) (135)

msgtxt

BNF: [SOF](#) + "MSGTXT" + [icaomsg](#)

DOC: Detailed Definition: (1) Contains a complete ICAO message. ;
 Value Definition:
 Consistency Rules: 1) Loose concatenation applies

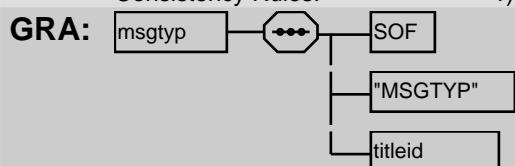


PAR: [ADEXP_ACK_MESSAGE](#) (134) [ADEXP_MAN_MESSAGE](#) (134) [ADEXP_REJ_MESSAGE](#) (135)

msgtyp

BNF: [SOF](#) + "MSGTYP" + [titleid](#)

DOC: Detailed Definition: (1) Contains the title of the referenced or copied message. :=> May be any valid ADEXP message title (see Annex B). ;
 Value Definition:
 Consistency Rules: 1) Loose concatenation applies

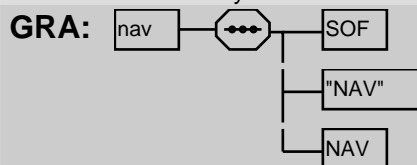


PAR: [ADEXP_ACK_MESSAGE](#) (134) [ADEXP_MAN_MESSAGE](#) (134) [ADEXP_REJ_MESSAGE](#) (135)

nav

BNF: SOF + "NAV" + NAV

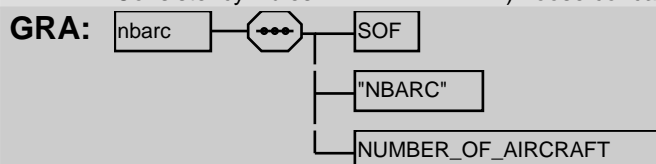
DOC: Detailed Definition: (1)Significant navigation equipment, as ICAO field 18 NAV/. ;
 Value Definition:
 Consistency Rules: 1) Loose concatenation applies



PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70) | FLIGHT_PLAN_DATA (151)

nbarc**BNF:** SOF + "NBARC" + NUMBER_OF_AIRCRAFT

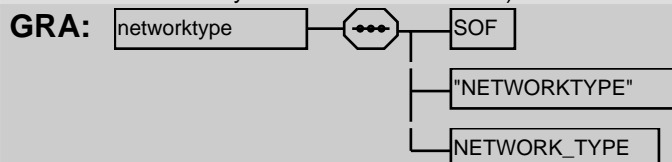
DOC: Detailed Definition: (1)Number of aircraft if more than one. ;
 Value Definition:
 Consistency Rules: 1) Loose concatenation applies



PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70)

networktype**BNF:** SOF + "NETWORKTYPE" + NETWORK_TYPE

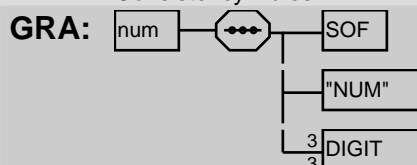
DOC: Detailed Definition: (1)Indication of the type of network used for a message exchange. ;
 Value Definition:
 Consistency Rules: 1) Loose concatenation applies



PAR: origin (111) | origin (111)

num**BNF:** SOF + "NUM" + 3{ DIGIT }3

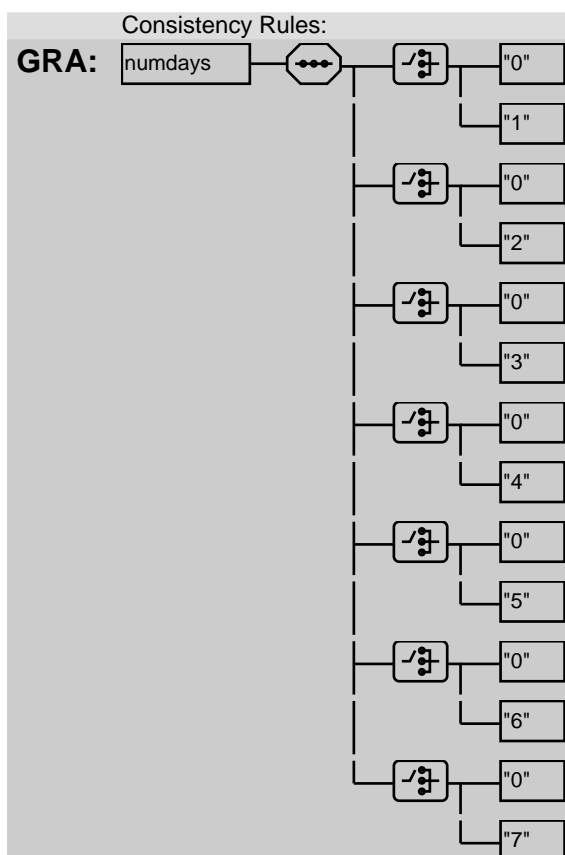
DOC: Detailed Definition: (1)A three digit number. ;
 Value Definition:
 Consistency Rules: 1) Loose concatenation applies



PAR: extaddr (99) | extaddr (99)

numdays**BNF:** ["0" | "1"] + ["0" | "2"] + ["0" | "3"] + ["0" | "4"] + ["0" | "5"] + ["0" | "6"] + ["0" | "7"]

DOC: Detailed Definition: (1)The indication of the days of the week on which an RPL is active. ;
 Value Definition:



PAR: days (90) | DAYS_OF_OPERATION (149)

oldmsg

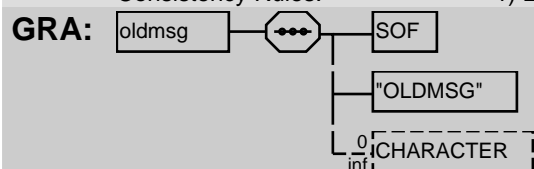
BNF: SOF + "OLDMSG" + 0{ CHARACTER }

DOC: Detailed Definition: (1)A complete original message, exactly (and in the same format) : as it was received. ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



PAR: ADEXP_ACK_MESSAGE (134) ADEXP_MAN_MESSAGE (134) ADEXP_REJ_MESSAGE (135)

opr

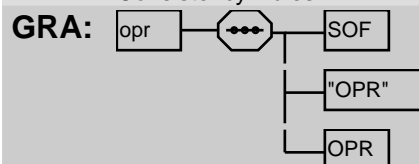
RNF: **SOF** + "OPR" + **OPR**

DOC: Detailed Definition: (1)Name of the operator, as ICAO field18 OPR/ ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies

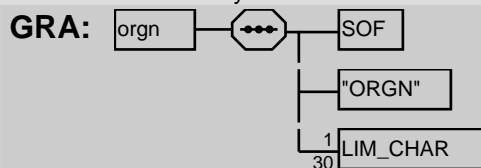


PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70) | FLIGHT_PLAN_DATA (151)

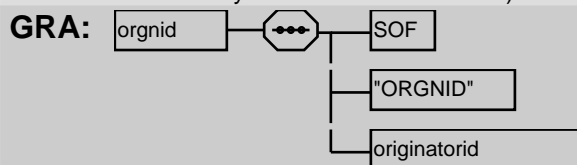
orgn

BNF: SOF + "ORGN" + 1{ LIM_CHAR }30

DOC: Detailed Definition: (1)The address of the originator of a message. ;
 Value Definition:
 Consistency Rules: 1) Loose concatenation applies

**PAR:** msgsum (107)**orgnid****BNF:** SOF + "ORGNID" + originatorid

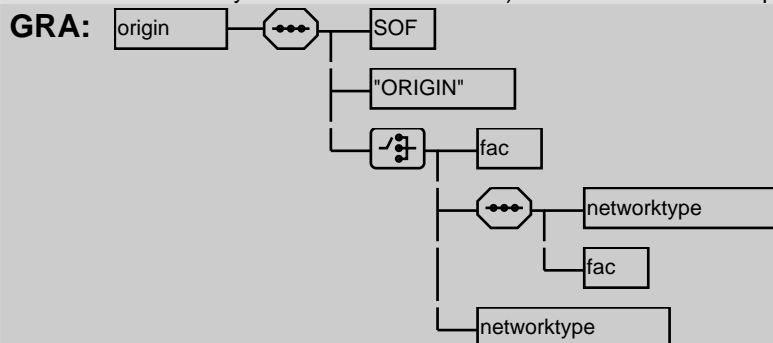
DOC: Detailed Definition: (1)The designator of an addressee having originated a message. ;
 Value Definition:
 Consistency Rules: 1) Loose concatenation applies



PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_IARR_MESSAGE_INPUT (48) | ADEXP_IARR_MESSAGE_OUTPUT (49) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_ICNL_MESSAGE_INPUT (56) | ADEXP_ICNL_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_INPUT (58) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70) | ADEXP_IRQP_MESSAGE_INPUT (73)

origin**BNF:** SOF + "ORIGIN" + [fac | networktype + fac | networktype]

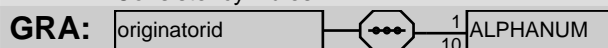
DOC: Detailed Definition: (1)Information concerning the originator of a message. May include : the type of network used and/or the address concerned. ;
 Value Definition:
 Consistency Rules: 1) Loose concatenation applies



PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_IARR_MESSAGE_INPUT (48) | ADEXP_IARR_MESSAGE_OUTPUT (49) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_ICNL_MESSAGE_INPUT (56) | ADEXP_ICNL_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_INPUT (58) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70) | ADEXP_IRQP_MESSAGE_INPUT (73)

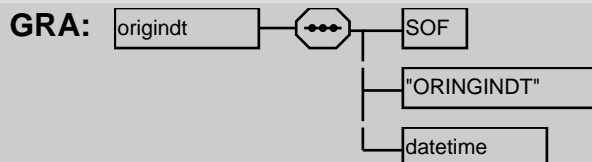
originatorid**BNF:** 1{ ALPHANUM }10

DOC: Detailed Definition: (1)Identifier of the originator of a message. ;
 Value Definition:
 Consistency Rules:



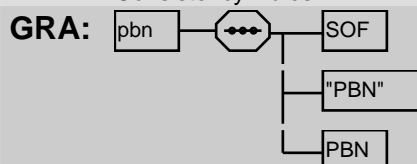
PAR: [orgnid](#) (111)**origindt****BNF:** [SOF](#) + "ORINGINDT" + [datetime](#)**DOC:** Detailed Definition: (1)Date and time of receipt of original message by the IFPS. :Format is YYM-MDDHHMM. ;

Value Definition:

**PAR:** [ADEXP_ACK_MESSAGE](#) (134) | [ADEXP_MAN_MESSAGE](#) (134) | [ADEXP_REJ_MESSAGE](#) (135)**pbn****BNF:** [SOF](#) + "PBN" + [PBN](#)**DOC:** Detailed Definition: (1) ICAO code for RNAV and RNP capabilities. ;

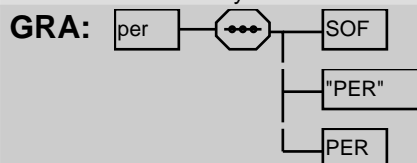
Value Definition:

Consistency Rules: 1) Loose concatenation applies

**PAR:** [ADEXP_IFPL_TACT_MESSAGE_OUTPUT](#) (146) | [ADEXP_IACH_MESSAGE_OUTPUT](#) (40) | [ADEXP_IAFP_MESSAGE_INPUT](#) (43) | [ADEXP_IAPL_MESSAGE_OUTPUT](#) (45) | [ADEXP_ICHG_MESSAGE_INPUT](#) (50) | [ADEXP_ICHG_MESSAGE_OUTPUT](#) (53) | [ADEXP_IDEP_MESSAGE_OUTPUT](#) (59) | [ADEXP_IDLA_MESSAGE_INPUT](#) (61) | [ADEXP_IDLA_MESSAGE_OUTPUT](#) (64) | [ADEXP_IFPL_MESSAGE_INPUT](#) (67) | [ADEXP_IFPL_MESSAGE_OUTPUT](#) (70) | [FLIGHT_PLAN_DATA](#) (151)**per****BNF:** [SOF](#) + "PER" + [PER](#)**DOC:** Detailed Definition: (1)Aircraft performance data, as ICAO field18 PER/. ;

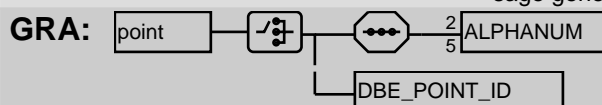
Value Definition:

Consistency Rules: 1) Loose concatenation applies

**PAR:** [ADEXP_IFPL_TACT_MESSAGE_OUTPUT](#) (146) | [ADEXP_IACH_MESSAGE_OUTPUT](#) (40) | [ADEXP_IAFP_MESSAGE_INPUT](#) (43) | [ADEXP_IAPL_MESSAGE_OUTPUT](#) (45) | [ADEXP_ICHG_MESSAGE_INPUT](#) (50) | [ADEXP_ICHG_MESSAGE_OUTPUT](#) (53) | [ADEXP_IDEP_MESSAGE_OUTPUT](#) (59) | [ADEXP_IDLA_MESSAGE_INPUT](#) (61) | [ADEXP_IDLA_MESSAGE_OUTPUT](#) (64) | [ADEXP_IFPL_MESSAGE_INPUT](#) (67) | [ADEXP_IFPL_MESSAGE_OUTPUT](#) (70) | [FLIGHT_PLAN_DATA](#) (151)**point****BNF:** [2{ [ALPHANUM](#) }5 | [DBE_POINT_ID](#)]**DOC:** Detailed Definition: (1)The designator of a significant point. May be a published point, : a geographical point, a reference point or a point given :artificially such as a 're-named' point (RENxx). Also it may be a DBE point ;

Value Definition:

Consistency Rules: (1)Option DBE_POINT_ID is possible only in the context of an ADEXP message generated by IFPS and sent to TACT

**PAR:** [atsrt](#) (86) | [atsrt](#) (86) | [chgrul](#) (87) | [dct](#) (91) | [dct](#) (91) | [eetpt](#) (93) | [mach](#) (106) | [ptid](#) (114) | [rfl](#) (118) | [sjid](#) (122) | [speed](#) (123) | [star](#) (126) | [dle](#) (92) | [IFPSTART](#) (195) | [IFPSTOP](#) (195) | [NEW RTE](#) (168) | [NEW RTE](#) (168) | [NEW RTE](#) (168) | [NEW RTE](#) (168) | [REQ_FL_SPEED](#) (169) | [AFIL_PT_ID](#) (172) | [ST_DATA](#) (186)

pt

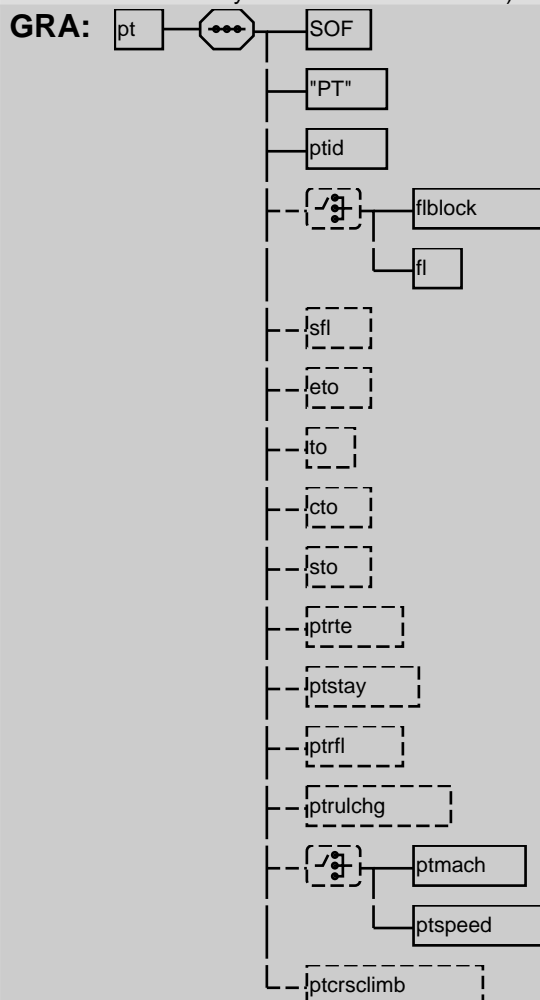
BNF: SOF + "PT" + ptid + ([flblock | fl]) + (sfl) + (eto) + (to) + (cto) + (sto) + (ptrte) + (ptstay) + (ptrfl) + (ptrulchg) + ([ptmach | ptspeed]) + (ptcrsclimb)

DOC: Detailed Definition: (1) Point along a route. : = > Contains a point identification and optionally :- a flightlevel or flightlevel block, :- a supplementary flight level, : - a time reference(s), : - a cruise climb, : - a routing indication : - an indication of a period of 'special activity', i.e. that the : flight will 'stay' in the area for a period of time. : : Change in :- RFL, flight rules, speed/Mach No. ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



PAR: rtepts (120)

ptcrsclimb

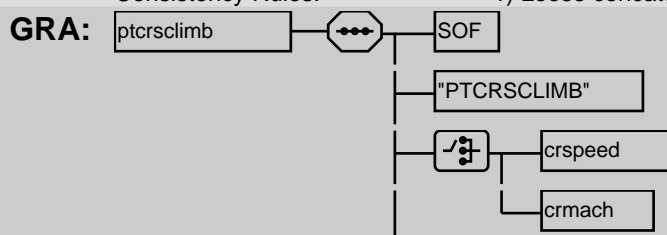
BNF: SOF + "PTCRSCLIMB" + [crspeed | crmach] + crfl1 + crfl2

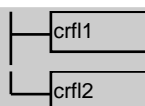
DOC: Detailed Definition: (1) Indication in the route of a flight of a cruiseclimb. : Giving the speed or mach no. followed by the two levels : indicating the flight level band to be occupied during : the climb. The second level may be "PLUS" where the : upper level is unknown. ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



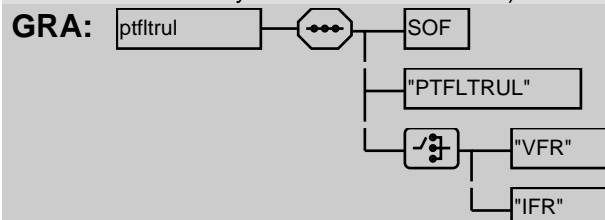


PAR: [pt](#) (113)

ptfltrul

BNF: [SOF](#) + "PTFLTRUL" + ["VFR" | "IFR"]

DOC: Detailed Definition: (1)An indication of the flightrules applicable at the point concerned. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

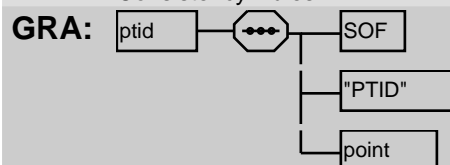


PAR: [entrydata](#) (94)

ptid

BNF: [SOF](#) + "PTID" + [point](#)

DOC: Detailed Definition: (1)Point identification, either coded designator or a name given :artificially (GEOxx, REFxx or RENxx). ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

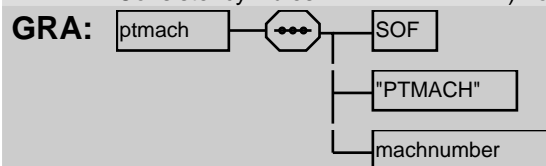


PAR: [adarrz](#) (80) | [adarrz](#) (80) | [afildata](#) (82) | [crsclimb](#) (88) | [depz](#) (91) | [destz](#) (91) | [entrydata](#) (94) | [entrydata](#) (94) | [estdata](#) (98) | [pt](#) (113) | [ref](#) (116) | [rname](#) (118) | [stay](#) (127) | [stay](#) (127)

ptmach

BNF: [SOF](#) + "PTMACH" + [machnumber](#)

DOC: Detailed Definition: (1)Mach number, in hundredths of a unit, associated to a point on : the route. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

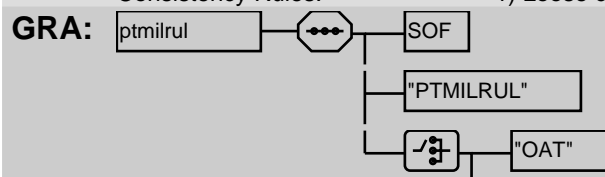


PAR: [entrydata](#) (94) | [pt](#) (113)

ptmilrul

BNF: [SOF](#) + "PTMILRUL" + ["OAT" | "GAT"]

DOC: Detailed Definition: (1)Indication of the military flight rules applicable at the point concerned. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies



"GAT"

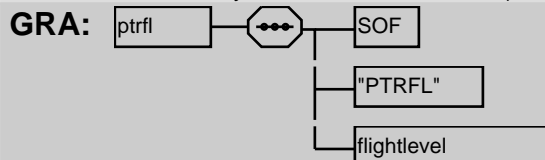
PAR: [entrydata](#) (94)

ptrfl

BNF: [SOF](#) + "PTRFL" + [flightlevel](#)

DOC: Detailed Definition: (1) Requested flightlevel, associated to a point on the route. ;
Value Definition:

Consistency Rules: 1) Loose concatenation applies



PAR: [entrydata](#) (94) | [pt](#) (113)

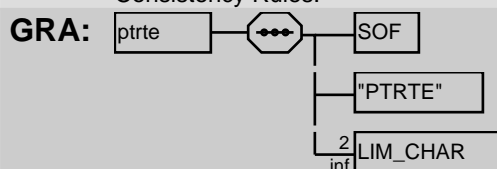
ptrte

BNF: [SOF](#) + "PTRTE" + 2{ [LIM_CHAR](#) }

DOC: Detailed Definition: (1) The route of flight following the point indicated. May be the complete route to the destination aerodrome or simply the routing element to the next point. ;

Value Definition:

Consistency Rules: 1) Loose concatenation applies



PAR: [pt](#) (113)

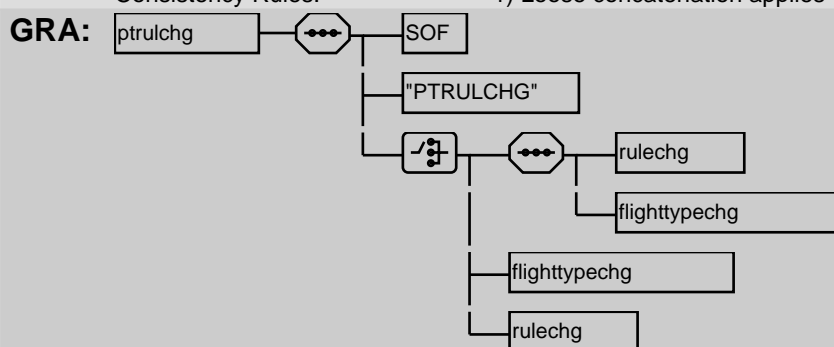
ptrulchg

BNF: [SOF](#) + "PTRULCHG" + [[rulechg](#) + [flighttypechg](#) | [flighttypechg](#) | [rulechg](#)]

DOC: Detailed Definition: (1) Indication of a change in either the 'flightrules(VFR/IFR) or : the 'type of flight(OAT/GAT) or both and associated to a point : on the route. ;

Value Definition:

Consistency Rules: 1) Loose concatenation applies



PAR: [pt](#) (113)

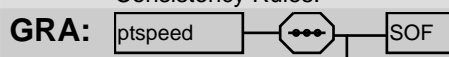
ptspeed

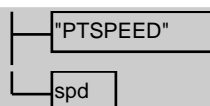
BNF: [SOF](#) + "PTSPEED" + [spd](#)

DOC: Detailed Definition: (1) True airspeed (in kilometers per hours or knots) associated :to a point on the route. ;

Value Definition:

Consistency Rules: 1) Loose concatenation applies





PAR: [entrydata](#) (94) | [pt](#) (113)

ptstay

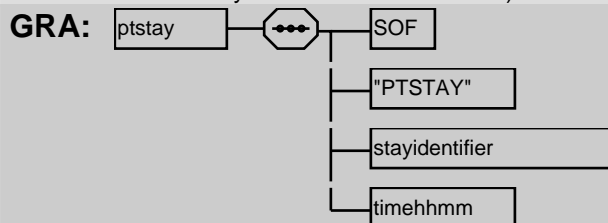
BNF: [SOF](#) + "PTSTAY" + [stayidentifier](#) + [timehhmm](#)

DOC: Detailed Definition: (1) Indication within the filed route of flight of a period of 'special activity' when the aircraft will 'stay' in the : area of time given, i.e. training, mid-air re-fuelling, etc. ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



PAR: [pt](#) (113)

ralt

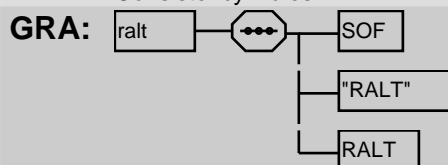
BNF: [SOF](#) + "RALT" + [RALT](#)

DOC: Detailed Definition: (1) Name of en-route alternative aerodromes. ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



PAR: [ADEXP_IFPL_TACT_MESSAGE_OUTPUT](#) (146) | [ADEXP_IACH_MESSAGE_OUTPUT](#) (40) | [ADEXP_IAFP_MESSAGE_INPUT](#) (43) | [ADEXP_IAPL_MESSAGE_OUTPUT](#) (45) | [ADEXP_ICHG_MESSAGE_INPUT](#) (50) | [ADEXP_ICHG_MESSAGE_OUTPUT](#) (53) | [ADEXP_IDEP_MESSAGE_OUTPUT](#) (59) | [ADEXP_IDLA_MESSAGE_INPUT](#) (61) | [ADEXP_IDLA_MESSAGE_OUTPUT](#) (64) | [ADEXP_IFPL_MESSAGE_INPUT](#) (67) | [ADEXP_IFPL_MESSAGE_OUTPUT](#) (70) | [FLIGHT_PLAN_DATA](#) (151)

ref

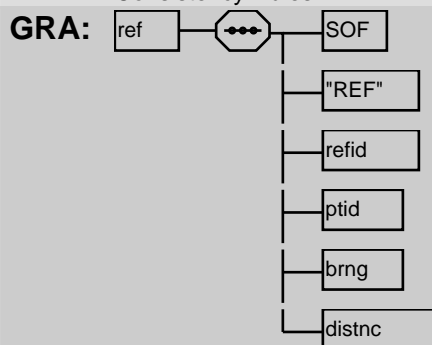
BNF: [SOF](#) + "REF" + [refid](#) + [ptid](#) + [brng](#) + [distnc](#)

DOC: Detailed Definition: (1) Point along a route which is defined in terms of magnetic : bearing and distance from another point and is given the : designator REFxx. ;


Value Definition:

Consistency Rules:

1) Loose concatenation applies

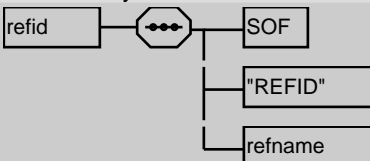


PAR: [ADEXP_IFPL_TACT_MESSAGE_OUTPUT](#) (146) | [ADEXP_IACH_MESSAGE_OUTPUT](#) (40) | [ADEXP_IAFP_MESSAGE_INPUT](#) (43) | [ADEXP_IAPL_MESSAGE_OUTPUT](#) (45) | [ADEXP_ICHG_MESSAGE_INPUT](#) (50) | [ADEXP_ICHG_MESSAGE_OUTPUT](#) (53) | [ADEXP_IDEP_MESSAGE_OUTPUT](#) (59) | [ADEXP_IDLA_MESSAGE_INPUT](#) (61) | [ADEXP_IDLA_MESSAGE_OUTPUT](#) (64) | [ADEXP_IFPL_MESSAGE_INPUT](#) (67) | [ADEXP_IFPL_MESSAGE_OUTPUT](#) (70) | [FLIGHT_PLAN_DATA](#) (151)

refbearing**BNF:** 3{ [DIGIT](#) }3**DOC:** Detailed Definition: (1)Reference Bearing value. ;
Value Definition:
Consistency Rules:**GRA:** **PAR:** [brng](#) (86) | [REF_ICAO_POINT_ID](#) (209)**refid****BNF:** [SOF](#) + "REFID" + [refname](#)**DOC:** Detailed Definition: (1)Identifier of a reference point made of "REF" followed by : a sequence number (example. "REF02"). ;

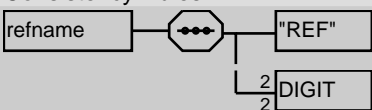
Value Definition:

Consistency Rules: 1) Loose concatenation applies

GRA: **PAR:** [depz](#) (91) | [destz](#) (91) | [ref](#) (116)**refname****BNF:** "REF" + 2{ [DIGIT](#) }2**DOC:** Detailed Definition: (1)The identifier given to a point expressed by bearing and :distance from another point. ;

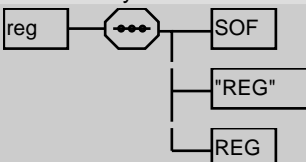
Value Definition:

Consistency Rules:

GRA: **PAR:** [refid](#) (117)**reg****BNF:** [SOF](#) + "REG" + [REG](#)**DOC:** Detailed Definition: (1) Registration markings, as ICAO field 18 REG/. ; (2) This field may have up to 50 characters to represent multiple registration markings in a formation flight, In a message for ETFMS the length of the field is limited to 7 characters and only the first registration is given.

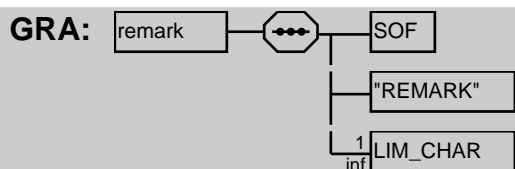
Value Definition:

Consistency Rules: 1) Loose concatenation applies

GRA: **PAR:** [ADEXP_IFPL_TACT_MESSAGE_OUTPUT](#) (146) | [ADEXP_IACH_MESSAGE_OUTPUT](#) (40) | [ADEXP_IAFP_MESSAGE_INPUT](#) (43) | [ADEXP_IAPL_MESSAGE_OUTPUT](#) (45) | [ADEXP_ICHG_MESSAGE_INPUT](#) (50) | [ADEXP_ICHG_MESSAGE_OUTPUT](#) (53) | [ADEXP_IDEP_MESSAGE_OUTPUT](#) (59) | [ADEXP_IDLA_MESSAGE_INPUT](#) (61) | [ADEXP_IDLA_MESSAGE_OUTPUT](#) (64) | [ADEXP_IFPL_MESSAGE_INPUT](#) (67) | [ADEXP_IFPL_MESSAGE_OUTPUT](#) (70) | [FLIGHT_PLAN_DATA](#) (151)**remark****BNF:** [SOF](#) + "REMARK" + 1{ [LIM_CHAR](#) }**DOC:** Detailed Definition: (1)A remark about the item, the description of which this field : is a part. ;

Value Definition:

Consistency Rules: 1) Loose concatenation applies



PAR: [stayinfo](#) (128)

rename

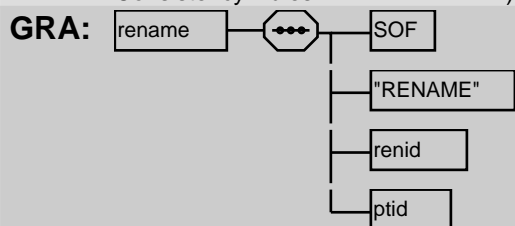
BNF: [SOF](#) + "RENAME" + [renid](#) + [ptid](#)

DOC: Detailed Definition: (1) Indication of a temporary, new name given to a 'significant :point' which appears more than once in the route description in : order to avoid confusion. This temporary name is applied only : for the purpose of clarity in the representation of the route and : does not imply an actual modification of the real identification : of the point. ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



PAR: [ADEXP_IFPL_TACT_MESSAGE_OUTPUT](#) (146) | [ADEXP_IACH_MESSAGE_OUTPUT](#) (40) | [ADEXP_IAFP_MESSAGE_INPUT](#) (43) | [ADEXP_IAPL_MESSAGE_OUTPUT](#) (45) | [ADEXP_ICHG_MESSAGE_INPUT](#) (50) | [ADEXP_ICHG_MESSAGE_OUTPUT](#) (53) | [ADEXP_IDEP_MESSAGE_OUTPUT](#) (59) | [ADEXP_IDLA_MESSAGE_INPUT](#) (61) | [ADEXP_IDLA_MESSAGE_OUTPUT](#) (64) | [ADEXP_IFPL_MESSAGE_INPUT](#) (67) | [ADEXP_IFPL_MESSAGE_OUTPUT](#) (70) | [FLIGHT_PLAN_DATA](#) (151)

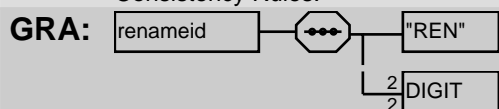
renameid

BNF: "REN" + 2{ [DIGIT](#) }2

DOC: Detailed Definition: (1) Identifier of a re-named point. ;

Value Definition:

Consistency Rules:



PAR: [renid](#) (118)

renid

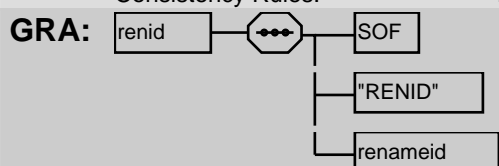
BNF: [SOF](#) + "RENID" + [renameid](#)

DOC: Detailed Definition: (1) Identifier given to a point which is repeated in the route : description. ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



PAR: [rename](#) (118)

rfl

BNF: [SOF](#) + "RFL" + [flightlevel](#) + ([point](#))

DOC: Detailed Definition: (1) Requested flightlevel (in flightlevel number, tens of :meters or hundreds of feet) and optionally the point at : which a change of RFL is required. ;

Value Definition:

Consistency Rules:

(1) Loose concatenation applies (2) If option point is not present, flightlevel is

the initial requested flightlevel	
GRA:	
PAR:	ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) ADEXP_IACH_MESSAGE_OUTPUT (40) ADEXP_IAFP_MESSAGE_INPUT (43) ADEXP_IAPL_MESSAGE_OUTPUT (45) ADEXP_ICHG_MESSAGE_INPUT (50) ADEXP_ICHG_MESSAGE_OUTPUT (53) ADEXP_IDEP_MESSAGE_OUTPUT (59) ADEXP_IDLA_MESSAGE_INPUT (61) ADEXP_IDLA_MESSAGE_OUTPUT (64) ADEXP_IFPL_MESSAGE_INPUT (67) ADEXP_IFPL_MESSAGE_OUTPUT (70)

rfp	
BNF:	SOF + "RFP" + RFP
DOC:	Detailed Definition: (1)Replacement Flight Plan (RFP) indicator; Value Definition: Consistency Rules: 1) Loose concatenation applies
GRA:	
PAR:	ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) ADEXP_IACH_MESSAGE_OUTPUT (40) ADEXP_IAFP_MESSAGE_INPUT (43) ADEXP_IAPL_MESSAGE_OUTPUT (45) ADEXP_ICHG_MESSAGE_INPUT (50) ADEXP_ICHG_MESSAGE_OUTPUT (53) ADEXP_ICNL_MESSAGE_OUTPUT (57) ADEXP_IFPL_MESSAGE_INPUT (67) ADEXP_IFPL_MESSAGE_OUTPUT (70)

rif	
BNF:	SOF + "RIF" + RIF
DOC:	Detailed Definition: (1)Revised route subject to clearance in flight,and terminating with the ICAO designator of the revised aerodrome of destination (see also ICAO field18 RIF/); Value Definition: Consistency Rules: 1) Loose concatenation applies
GRA:	
PAR:	ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) ADEXP_IACH_MESSAGE_OUTPUT (40) ADEXP_IAFP_MESSAGE_INPUT (43) ADEXP_IAPL_MESSAGE_OUTPUT (45) ADEXP_ICHG_MESSAGE_INPUT (50) ADEXP_ICHG_MESSAGE_OUTPUT (53) ADEXP_IDEP_MESSAGE_OUTPUT (59) ADEXP_IDLA_MESSAGE_INPUT (61) ADEXP_IDLA_MESSAGE_OUTPUT (64) ADEXP_IFPL_MESSAGE_INPUT (67) ADEXP_IFPL_MESSAGE_OUTPUT (70) FLIGHT_PLAN_DATA (151)

rmk	
BNF:	SOF + "RMK" + RMK
DOC:	Detailed Definition: (1)Plain language remarks, as ICAO field 18 RMK/. ; Value Definition: Consistency Rules: 1) Loose concatenation applies
GRA:	
PAR:	ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) ADEXP_IACH_MESSAGE_OUTPUT (40) ADEXP_IAFP_MESSAGE_INPUT (43) ADEXP_IAPL_MESSAGE_OUTPUT (45) ADEXP_IARR_MESSAGE_INPUT (48) ADEXP_IARR_MESSAGE_OUTPUT (49) ADEXP_ICHG_MESSAGE_INPUT (50) ADEXP_ICHG_MESSAGE_OUTPUT (53) ADEXP_ICNL_MESSAGE_INPUT (56) ADEXP_ICNL_MESSAGE_OUTPUT (57) ADEXP_IDEP_MESSAGE_INPUT (58) ADEXP_IDEP_MESSAGE_OUTPUT (59) ADEXP_IDLA_MESSAGE_INPUT (61) ADEXP_IDLA_MESSAGE_OUTPUT (64) ADEXP_IFPL_MESSAGE_INPUT (67) ADEXP_IFPL_MESSAGE_OUTPUT (70)

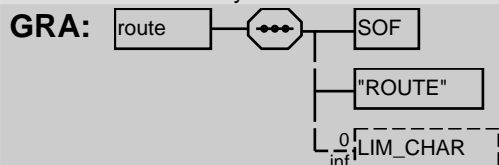
EXP_IFPL_MESSAGE_OUTPUT (70) | FLIGHT_PLAN_DATA (151)

route**BNF:** SOF + "ROUTE" + 0{ LIM_CHAR }**DOC:** Detailed Definition: (1) Complete ICAO Field 15 information containing speed RFL and :route (conforming to the syntax given in Ref. 4, see 2). ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



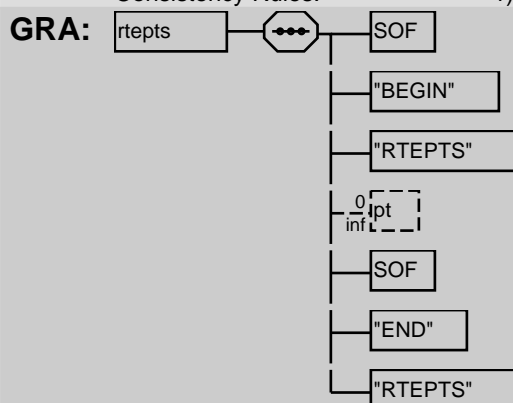
PAR: ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70) | FLIGHT_PLAN_DATA (151)

rtepts**BNF:** SOF + "BEGIN" + "RTEPTS" + 0{ pt } + SOF + "END" + "RTEPTS"**DOC:** Detailed Definition: (1) List of route points. ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies

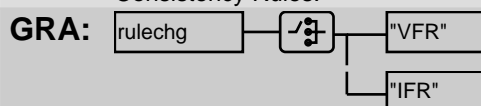


PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70)

rulechg**BNF:** ["VFR" | "IFR"]**DOC:** Detailed Definition: (1) Used in the route of a flight to indicate a change in the flight: rules. ;

Value Definition:

Consistency Rules:



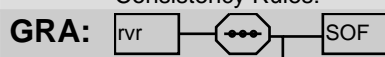
PAR: chgrul (87) | ptrulchg (115) | ptrulchg (115)

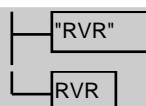
rvr**BNF:** SOF + "RVR" + RVR**DOC:** Detailed Definition: (1) Runway Visual Range (RVR). Operating minima when special : meteorological conditions exist. Expressed in meters. ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



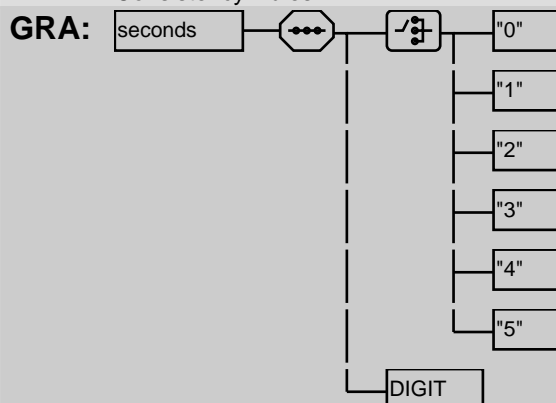


PAR: [ADEXP_IFPL_TACT_MESSAGE_OUTPUT](#) (146) | [ADEXP_IACH_MESSAGE_OUTPUT](#) (40) | [ADEXP_IAFP_MESSAGE_INPUT](#) (43) | [ADEXP_IAPL_MESSAGE_OUTPUT](#) (45) | [ADEXP_ICHG_MESSAGE_INPUT](#) (50) | [ADEXP_ICHG_MESSAGE_OUTPUT](#) (53) | [ADEXP_IDEP_MESSAGE_OUTPUT](#) (59) | [ADEXP_IDLA_MESSAGE_INPUT](#) (61) | [ADEXP_IDLA_MESSAGE_OUTPUT](#) (64) | [ADEXP_IFPL_MESSAGE_INPUT](#) (67) | [ADEXP_IFPL_MESSAGE_OUTPUT](#) (70) | [FLIGHT_PLAN_DATA](#) (151)

seconds

BNF: ["0" | "1" | "2" | "3" | "4" | "5"] + [DIGIT](#)

DOC: Detailed Definition: (1)Seconds. Two digits from "00" to "59";
Value Definition:
Consistency Rules:

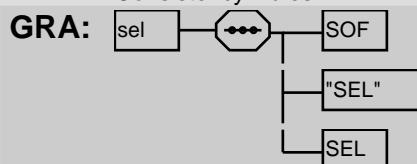


PAR: [ACTIVATION_TIME](#) (145) | [eto](#) (98) | [sto](#) (128) | [CREATION_DATETIME](#) (166) | [TIME_HH_MM_SS](#) (220) | [AFIL_ETO](#) (172) | [EST_DATA](#) (?)

sel

BNF: [SOF](#) + "SEL" + [SEL](#)

DOC: Detailed Definition: (1)SELCAL code as ICAO field 18 SEL/.
Value Definition:
Consistency Rules:

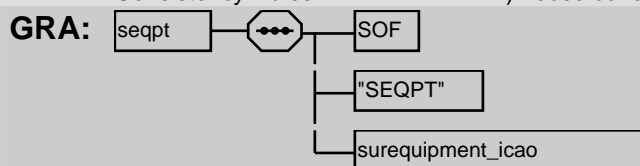


PAR: [ADEXP_IFPL_TACT_MESSAGE_OUTPUT](#) (146) | [ADEXP_IACH_MESSAGE_OUTPUT](#) (40) | [ADEXP_IAFP_MESSAGE_INPUT](#) (43) | [ADEXP_IAPL_MESSAGE_OUTPUT](#) (45) | [ADEXP_ICHG_MESSAGE_INPUT](#) (50) | [ADEXP_ICHG_MESSAGE_OUTPUT](#) (53) | [ADEXP_IDEP_MESSAGE_OUTPUT](#) (59) | [ADEXP_IDLA_MESSAGE_INPUT](#) (61) | [ADEXP_IDLA_MESSAGE_OUTPUT](#) (64) | [ADEXP_IFPL_MESSAGE_INPUT](#) (67) | [ADEXP_IFPL_MESSAGE_OUTPUT](#) (70) | [FLIGHT_PLAN_DATA](#) (151)

seqpt

BNF: [SOF](#) + "SEQPT" + [surequipment_icao](#)

DOC: Detailed Definition: (1)Surveillance equipment, as ICAO field 10. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies



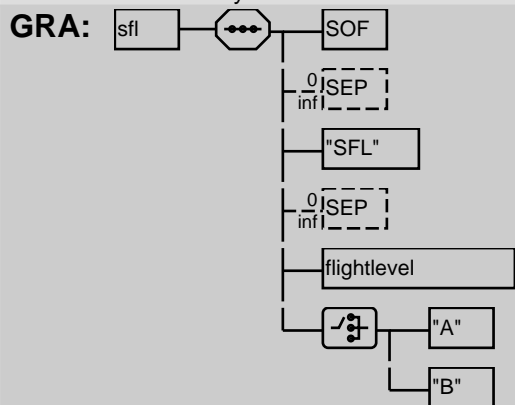
PAR: [ADEXP_IFPL_TACT_MESSAGE_OUTPUT](#) (146) | [ADEXP_IACH_MESSAGE_OUTPUT](#) (40) | [ADEXP_IAFP_MESSAGE_INPUT](#) (43) | [ADEXP_IAPL_MESSAGE_OUTPUT](#) (45) | [ADEXP_ICHG_MESSAGE_INPUT](#) (50) | [ADEXP_ICHG_MESSAGE_OUTPUT](#) (53) | [ADEXP_IDEP_MESSAGE_OUTPUT](#) (59) | [ADEXP_IDLA_MESSAGE_INPUT](#) (61) | [ADEXP_IDLA_MESSAGE_OUTPUT](#) (64) | [ADEXP_IFPL_MESSAGE_INPUT](#) (67) | [ADEXP_IFPL_MESSAGE_OUTPUT](#) (70) | [FLIGHT_PLAN_DATA](#) (151)

sfl

BNF: $\text{SOF} + 0\{\text{SEP}\} + \text{"SFL"} + 0\{\text{SEP}\} + \text{flightlevel} + [\text{"A"} | \text{"B"}]$

DOC: Detailed Definition: (1)Supplementary flight level. The flight level at or above which :or, at or below which a flighthas been or willbe co-ordinated : to cross one point. Consists of a flight level number and a : crossing condition (either 'A' ifthe aircraft willcross the : point at or above the level, or 'B' ifthe aircraft will cross :the point at or below the level). ;

Value Definition:
Consistency Rules:



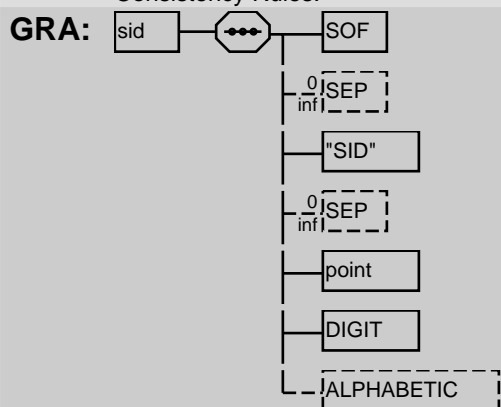
PAR: [estdata](#) (98) | [pt](#) (113)

sid

BNF: $\text{SOF} + 0\{\text{SEP}\} + \text{"SID"} + 0\{\text{SEP}\} + \text{point} + \text{DIGIT} + (\text{ALPHABETIC})$

DOC: Detailed Definition: (1)Identifier of a Standard Instrument Departure procedure. ;

Value Definition:
Consistency Rules:



PAR: [ADEXP_IFPL_TACT_MESSAGE_OUTPUT](#) (146) | [ADEXP_IACH_MESSAGE_OUTPUT](#) (40) | [ADEXP_IAFP_MESSAGE_INPUT](#) (43) | [ADEXP_IAPL_MESSAGE_OUTPUT](#) (45) | [ADEXP_ICHG_MESSAGE_INPUT](#) (50) | [ADEXP_ICHG_MESSAGE_OUTPUT](#) (53) | [ADEXP_IDEP_MESSAGE_OUTPUT](#) (59) | [ADEXP_IDLA_MESSAGE_INPUT](#) (61) | [ADEXP_IDLA_MESSAGE_OUTPUT](#) (64) | [ADEXP_IFPL_MESSAGE_INPUT](#) (67) | [ADEXP_IFPL_MESSAGE_OUTPUT](#) (70)

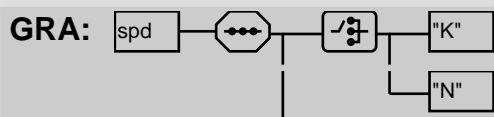
spd

BNF: $[\text{"K"} | \text{"N"}] + 4\{\text{DIGIT}\}$

DOC: Detailed Definition: (1)Speed. Expressed as either "K" or "N"; followed by four digits.;

Value Definition:
Consistency Rules:
Auto Correction Rules:

1. On input by IFPS, when received in an ICAO message, any letter "O" is replaced by digit"0". 2. On input by IFPS missing leading zeros are accepted, and inserted in IFPS output



4
4 DIGIT

PAR: [crspeed](#) (89) | [ptspeed](#) (115) | [speed](#) (123) | [CRUISING_SPEED](#) (181)

speed

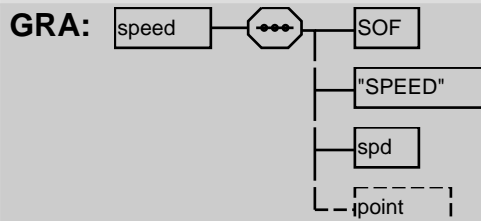
BNF: [SOF](#) + "SPEED" + [spd](#) + ([point](#))

DOC: Detailed Definition: (1) True airspeed (in kilometers per hours or knots) and : optionally, the point at which a change of airspeed is requested. ;

Value Definition:

Consistency Rules:

(1) Loose concatenation applies. (2) If option point is not present, [spd](#) is the initial requested airspeed for the flight



PAR: [ADEXP_IFPL_TACT_MESSAGE_OUTPUT](#) (146) | [ADEXP_IACH_MESSAGE_OUTPUT](#) (40) | [ADEXP_IAFP_MESSAGE_INPUT](#) (43) | [ADEXP_IAPL_MESSAGE_OUTPUT](#) (45) | [ADEXP_ICHG_MESSAGE_INPUT](#) (50) | [ADEXP_ICHG_MESSAGE_OUTPUT](#) (53) | [ADEXP_IDEP_MESSAGE_OUTPUT](#) (59) | [ADEXP_IDLA_MESSAGE_INPUT](#) (61) | [ADEXP_IDLA_MESSAGE_OUTPUT](#) (64) | [ADEXP_IFPL_MESSAGE_INPUT](#) (67) | [ADEXP_IFPL_MESSAGE_OUTPUT](#) (70)

spla

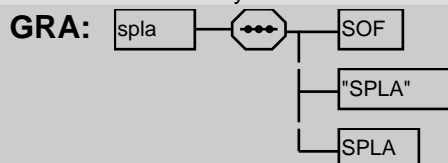
BNF: [SOF](#) + "SPLA" + [SPLA](#)

DOC: Detailed Definition: (1) Colour of markings on aircraft, as ICAO field 19. ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



PAR: [ADEXP_IAFP_MESSAGE_INPUT](#) (43) | [ADEXP_ICHG_MESSAGE_INPUT](#) (50) | [ADEXP_IDLA_MESSAGE_INPUT](#) (61) | [ADEXP_IFPL_MESSAGE_INPUT](#) (67) | [FLIGHT_PLAN_DATA](#) (151)

splc

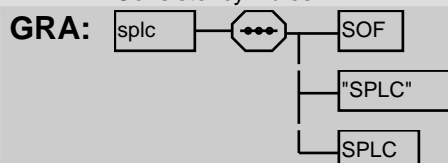
BNF: [SOF](#) + "SPLC" + [SPLC](#)

DOC: Detailed Definition: (1) Name of pilot in command, as ICAO field 19. ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



PAR: [ADEXP_IAFP_MESSAGE_INPUT](#) (43) | [ADEXP_ICHG_MESSAGE_INPUT](#) (50) | [ADEXP_IDLA_MESSAGE_INPUT](#) (61) | [ADEXP_IFPL_MESSAGE_INPUT](#) (67) | [FLIGHT_PLAN_DATA](#) (151)

spldcap

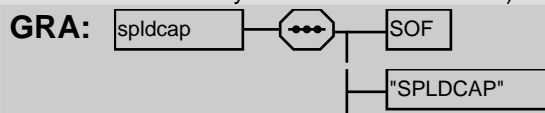
BNF: [SOF](#) + "SPLDCAP" + [SPLDCAP](#)

DOC: Detailed Definition: (1) Dinghies. Total capacity, as ICAO field 19. ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



SPLDCAP

PAR: [spld](#) (217)

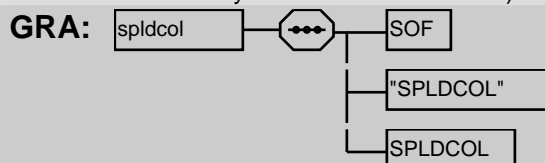
spldcol

BNF: [SOF](#) + "SPLDCOL" + [SPLDCOL](#)

DOC: Detailed Definition: (1)Dinghies. Colour, as ICAO field 19. ;

Value Definition:

Consistency Rules: 1) Loose concatenation applies



PAR: [spld](#) (217)

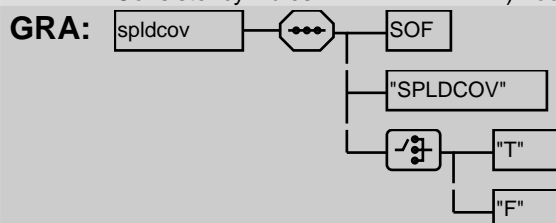
spldcov

BNF: [SOF](#) + "SPLDCOV" + ["T" | "F"]

DOC: Detailed Definition: (1)Dinghies. Indication if they are covered, as ICAO field 19. ;

Value Definition:

Consistency Rules: 1) Loose concatenation applies



PAR: [spld](#) (217)

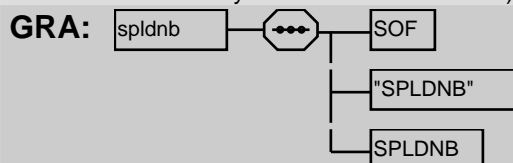
spldnb

BNF: [SOF](#) + "SPLDNB" + [SPLDNB](#)

DOC: Detailed Definition: (1)Dinghies. Number, as ICAO field 19. ;

Value Definition:

Consistency Rules: 1) Loose concatenation applies



PAR: [spld](#) (217)

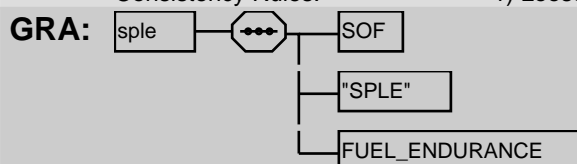
sple

BNF: [SOF](#) + "SPLE" + [FUEL_ENDURANCE](#)

DOC: Detailed Definition: (1)Fuel endurance, as ICAO field19. ;

Value Definition:

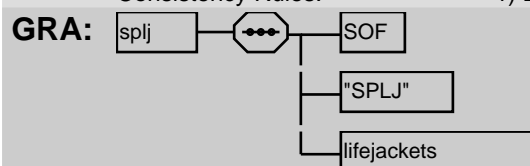
Consistency Rules: 1) Loose concatenation applies



PAR: [ADEXP_IAFP_MESSAGE_INPUT](#) (43) | [ADEXP_ICHG_MESSAGE_INPUT](#) (50) | [ADEXP_IDLA_MESSAGE_INPUT](#) (61) | [ADEXP_IFPL_MESSAGE_INPUT](#) (67) | [FLIGHT_PLAN_DATA](#) (151)

splj**BNF:** SOF + "SPLJ" + lifejackets

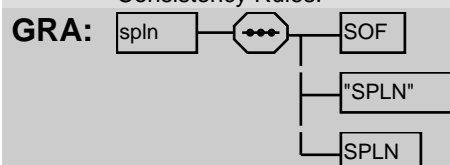
DOC: Detailed Definition: (1)Life jackets, as ICAO field 19. ;
 Value Definition:
 Consistency Rules: 1) Loose concatenation applies



PAR: ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IFPL_MESSAGE_INPUT (67) | FLIGHT_PLAN_DATA (151)

spln**BNF:** SOF + "SPLN" + SPLN

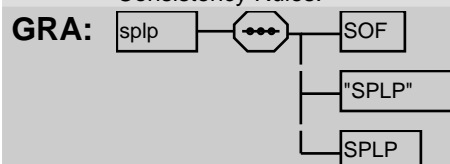
DOC: Detailed Definition: (1)Any other survival equipment and useful remarks, as :ICAO field 19. ;
 Value Definition:
 Consistency Rules: 1) Loose concatenation applies



PAR: ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IFPL_MESSAGE_INPUT (67) | FLIGHT_PLAN_DATA (151)

splp**BNF:** SOF + "SPLP" + SPLP

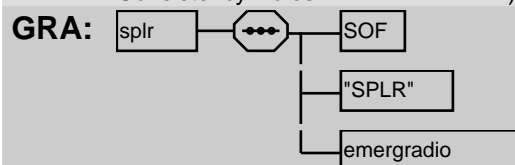
DOC: Detailed Definition: (1)Persons on board, as ICAO field 19. ;
 Value Definition:
 Consistency Rules: 1) Loose concatenation applies



PAR: ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IFPL_MESSAGE_INPUT (67) | FLIGHT_PLAN_DATA (151)

splr**BNF:** SOF + "SPLR" + emergradio

DOC: Detailed Definition: (1)Emergency radio equipment, as ICAO field 19. ;
 Value Definition:
 Consistency Rules: 1) Loose concatenation applies



PAR: ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IFPL_MESSAGE_INPUT (67) | FLIGHT_PLAN_DATA (151)

spls**BNF:** SOF + "SPLS" + survivaleqpt

DOC: Detailed Definition: (1)Survival equipment, as ICAO field 19. ;
 Value Definition:

Consistency Rules:		1) Loose concatenation applies
GRA:	<pre> graph LR spls --- C(()) C --- SOF C --- SPLS["SPLS"] C --- survivaleqpt </pre>	
PAR:	ADEXP_IAFP_MESSAGE_INPUT (43) ADEXP_ICHG_MESSAGE_INPUT (50) ADEXP_IDLA_MESSAGE_INPUT (61) ADEXP_IFPL_MESSAGE_INPUT (67) FLIGHT_PLAN_DATA (151)	

src

BNF:	SOF + "SRC" + SRC	
DOC:	Detailed Definition:	(1) Indication of the data source. Contents depend on the : TITLE field. ;
	Value Definition:	
	Consistency Rules:	1) Loose concatenation applies
GRA:	<pre> graph LR src --- C(()) C --- SOF C --- SRC1["SRC"] C --- SRC2["SRC"] </pre>	
PAR:	ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) ADEXP_IACH_MESSAGE_OUTPUT (40) ADEXP_IAFP_MESSAGE_INPUT (43) ADEXP_IAPL_MESSAGE_OUTPUT (45) ADEXP_IARR_MESSAGE_OUTPUT (49) ADEXP_ICHG_MESSAGE_INPUT (50) ADEXP_ICHG_MESSAGE_OUTPUT (53) ADEXP_ICNL_MESSAGE_OUTPUT (57) ADEXP_IDEP_MESSAGE_OUTPUT (59) ADEXP_IDLA_MESSAGE_INPUT (61) ADEXP_IDLA_MESSAGE_OUTPUT (64) ADEXP_IFPL_MESSAGE_INPUT (67) ADEXP_IFPL_MESSAGE_OUTPUT (70) FLIGHT_PLAN_DATA (151)	

ssrcode

BNF:	SOF + "SSRCODE" + SSRCODE	
DOC:	Detailed Definition:	(1) Either :- SSR mode and code, as ICAO field 7 elements b and c, :Or : - the letters 'REQ' meaning that the code is requested. ;
	Value Definition:	
	Consistency Rules:	1) Loose concatenation applies
GRA:	<pre> graph LR ssrcode --- C(()) C --- SOF C --- SSRCODE1["SSRCODE"] C --- SSRCODE2["SSRCODE"] </pre>	
PAR:	ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) ADEXP_IACH_MESSAGE_OUTPUT (40) ADEXP_IAFP_MESSAGE_INPUT (43) ADEXP_IAPL_MESSAGE_OUTPUT (45) ADEXP_IARR_MESSAGE_INPUT (48) ADEXP_IARR_MESSAGE_OUTPUT (49) ADEXP_ICHG_MESSAGE_INPUT (50) ADEXP_ICHG_MESSAGE_OUTPUT (53) ADEXP_ICNL_MESSAGE_INPUT (56) ADEXP_ICNL_MESSAGE_OUTPUT (57) ADEXP_IDEP_MESSAGE_INPUT (58) ADEXP_IDEP_MESSAGE_OUTPUT (59) ADEXP_IDLA_MESSAGE_INPUT (61) ADEXP_IDLA_MESSAGE_OUTPUT (64) ADEXP_IFPL_MESSAGE_INPUT (67) ADEXP_IFPL_MESSAGE_OUTPUT (70) ADEXP_IRQP_MESSAGE_INPUT (73)	

star

BNF:	SOF + 0{ SEP } + "STAR" + 0{ SEP } + point + DIGIT + (ALPHABETIC)	
DOC:	Detailed Definition:	(1) Identification of a Standard Arrival procedure. ;
	Value Definition:	
	Consistency Rules:	
GRA:	<pre> graph LR star --- C(()) C --- SOF C --- SEP1["0{SEP}"] C --- STAR["STAR"] C --- SEP2["0{SEP}"] C --- point["point"] C --- DIGIT["DIGIT"] C --- ALPHABETIC["(ALPHABETIC)"] </pre>	

ALPHABETIC

PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70)

stay

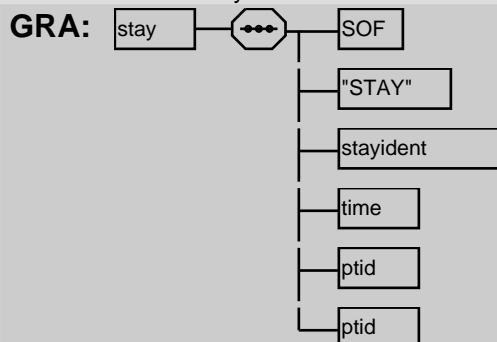
BNF: SOF + "STAY" + stayident + time + ptid + ptid

DOC: Detailed Definition: (1) Indication in the route of flight of a period of 'special : activity' when the aircraft will 'stay' in the area defined for : the length of time given, i.e. training, mid-air re-fuelling, : photographic mission etc. ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



PAR: ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70)

stayident

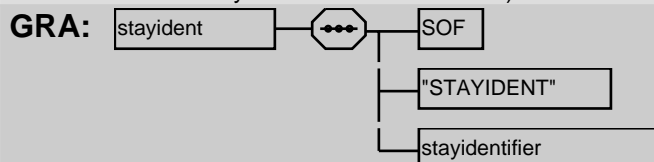
BNF: SOF + "STAYIDENT" + stayidentifier

DOC: Detailed Definition: (1) Identification of a period of 'special activity' or a 'stay' : within the route of a flight.;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



PAR: stay (127) | stayinfo (128)

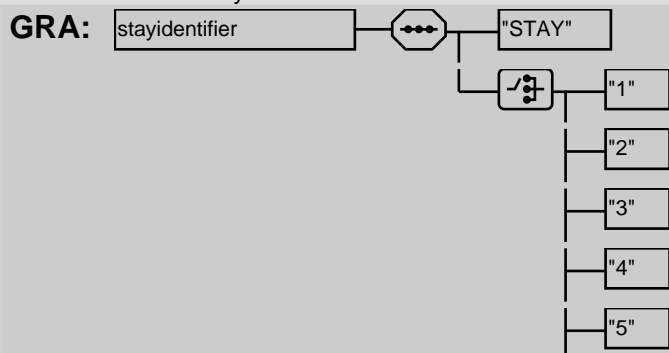
stayidentifier

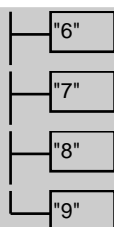
BNF: "STAY" + ["1" | "2" | "3" | "4" | "5" | "6" | "7" | "8" | "9"]

DOC: Detailed Definition: (1) Designator of a 'stay' period, a period of 'special activity' : within the route of a flight.;

Value Definition:

Consistency Rules:





PAR: [ptstay](#) (116) | [stayident](#) (127)

stayinfo

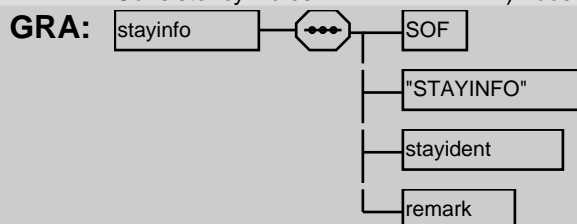
BNF: [SOF](#) + "STAYINFO" + [stayident](#) + [remark](#)

DOC: Detailed Definition: (1) Information concerning the type of activity (training, :photographic mission etc.) to be performed during the 'stay' period in the route of the flight.;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



PAR: [ADEXP_IACH_MESSAGE_OUTPUT](#) (40) | [ADEXP_IAFP_MESSAGE_INPUT](#) (43) | [ADEXP_IAPL_MESSAGE_OUTPUT](#) (45) | [ADEXP_ICHG_MESSAGE_INPUT](#) (50) | [ADEXP_ICHG_MESSAGE_OUTPUT](#) (53) | [ADEXP_IDEP_MESSAGE_OUTPUT](#) (59) | [ADEXP_IDLA_MESSAGE_INPUT](#) (61) | [ADEXP_IDLA_MESSAGE_OUTPUT](#) (64) | [ADEXP_IFPL_MESSAGE_INPUT](#) (67) | [ADEXP_IFPL_MESSAGE_OUTPUT](#) (70)

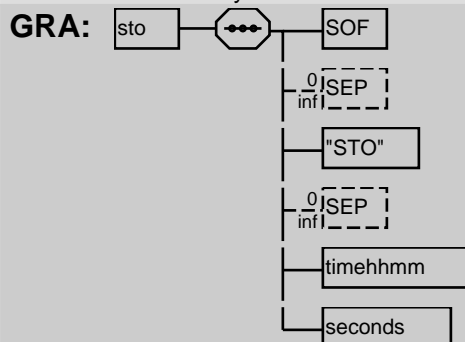
sto

BNF: [SOF](#) + 0{ [SEP](#) } + "STO" + 0{ [SEP](#) } + [timehhmm](#) + [seconds](#)

DOC: Detailed Definition: (1) A generic time field which may contain the time for a point or : for an aerodrome. The time may be an estimated, calculated or :actual time depending upon its context. ;

Value Definition:

Consistency Rules:



PAR: [pt](#) (113)

sts

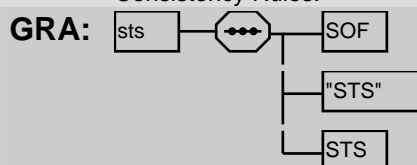
BNF: [SOF](#) + "STS" + [STS](#)

DOC: Detailed Definition: (1) Reason for special handling, as ICAO field18 STS./ . ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



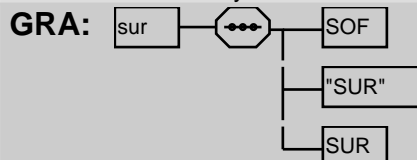
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70) | FLIGHT_PLAN_DATA (151)

sur

BNF: SOF + "SUR" + SUR

DOC: Detailed Definition: (1) Surveillance applications or capabilities not in SEQPT ;
Value Definition:

Consistency Rules: 1) Loose concatenation applies



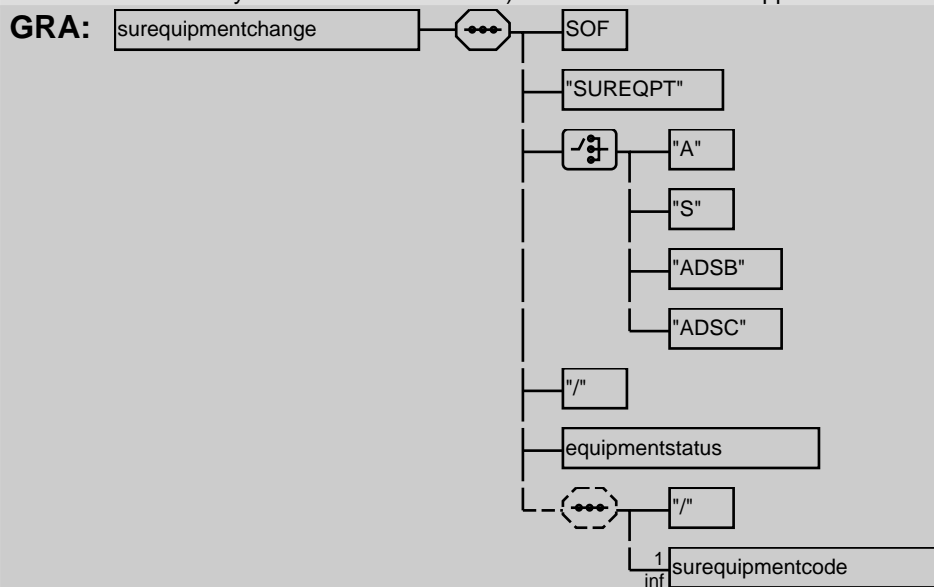
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70) | FLIGHT_PLAN_DATA (151)

surequipmentchange

BNF: SOF + "SUREQPT" + ["A" | "S" | "ADSB" | "ADSC"] + "/" + equipmentstatus + ("/" + 1{ surequipmentcode })

DOC: Detailed Definition: (1) A valid ICAO code to indicate the surveillance equipment being changed along with its new status. ;

Value Definition:
Consistency Rules: 1) Loose concatenation applies



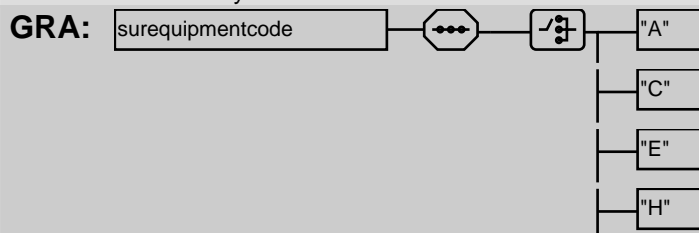
PAR: eqcst (95)

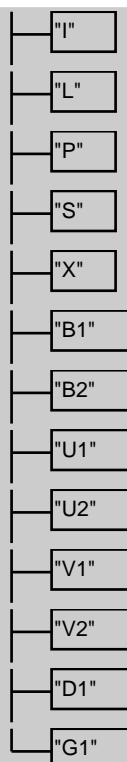
surequipmentcode

BNF: ["A" | "C" | "E" | "H" | "I" | "L" | "P" | "S" | "X" | "B1" | "B2" | "U1" | "U2" | "V1" | "V2" | "D1" | "G1"]

DOC: Detailed Definition: (1) A valid ICAO code to indicate the surveillance equipment carried. ;

Value Definition:
Consistency Rules:





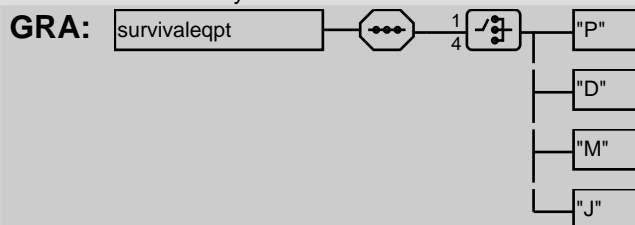
PAR: [surequipmentchange](#) (129) | [surequipment_icao](#) (219)

survialeqpt

BNF: 1{ "P" | "D" | "M" | "J" } 4

DOC: Detailed Definition: (1)The ICAO designator of the survival equipment carried. :May be one or more of the defined characters in any order but :without repetition. As given in field 19. ;

Value Definition:
Consistency Rules:



PAR: [spl](#) (125) | [FIELD_TYPE_19_ICAO](#) (36)

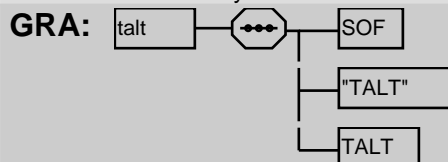
talt

BNF: [SOF](#) + "TALT" + [TALT](#)

DOC: Detailed Definition: (1)Name of take-off alternative aerodromes. ;

Value Definition:
Consistency Rules:

1) Loose concatenation applies



PAR: [ADEXP_IFPL_TACT_MESSAGE_OUTPUT](#) (146) | [ADEXP_IACH_MESSAGE_OUTPUT](#) (40) | [ADEXP_IAFP_MESSAGE_INPUT](#) (43) | [ADEXP_IAPL_MESSAGE_OUTPUT](#) (45) | [ADEXP_ICHG_MESSAGE_INPUT](#) (50) | [ADEXP_ICHG_MESSAGE_OUTPUT](#) (53) | [ADEXP_IDEP_MESSAGE_OUTPUT](#) (59) | [ADEXP_IDLA_MESSAGE_INPUT](#) (61) | [ADEXP_IDLA_MESSAGE_OUTPUT](#) (64) | [ADEXP_IFPL_MESSAGE_INPUT](#) (67) | [ADEXP_IFPL_MESSAGE_OUTPUT](#) (70) | [FLIGHT_PLAN_DATA](#) (151)


text20

BNF: 1{ LIM_CHAR }20

DOC: Detailed Definition: (1)Text made of 1 to 20 characters, excluding the hyphen character.;

Value Definition:

Consistency Rules:

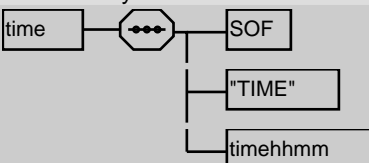
GRA: 

PAR:**time****BNF:** SOF + "TIME" + timehhmm

DOC: Detailed Definition: (1)A time indication. May be an actual time or a period of time, : depending upon the message context. ;

Value Definition:

Consistency Rules: 1) Loose concatenation applies

GRA: 

PAR: eetlat (92) | eetlong (93) | stay (127)**timehhmm****BNF:** ["0" | "1" | "2"] + DIGIT + ["0" | "1" | "2" | "3" | "4" | "5"] + DIGIT

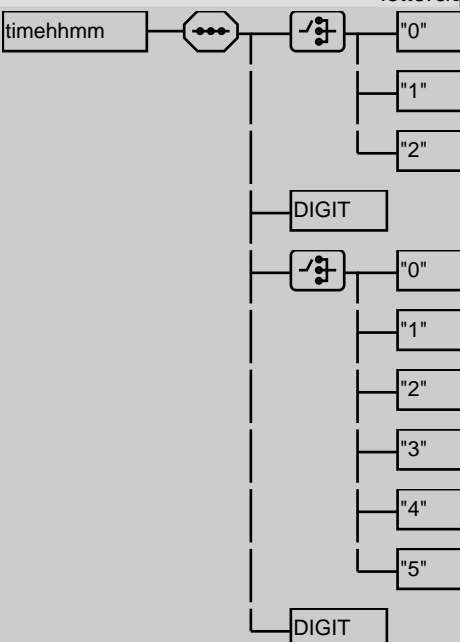
DOC: Detailed Definition: (1)Time, expressed in hours (2 digits 00-23) and minutes (2 digits : 00-59). May be the time of day or a duration. ;

Value Definition:

Consistency Rules:

Auto Correction Rules:

When input by IFPS any spaces found are ignored. When input by IFPS any letter "O" is replaced by digit "0";

GRA: 

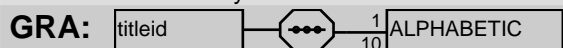
PAR: BASE_EVENT_TIME (149) | NEXT_FLIGHT_TIME (160) | ACTIVATION_TIME (145) | eta (85) | atd (85) | cto (89) | datetime (90) | eobt (94) | eto (98) | filtim (99) | ptstay (116) | sto (128) | time (131) | to (132) | AOBT (175) | ATA (177) | ATO (177) | CREATION_DATETIME (166) | EOBT (185) | ETO (186) | LOBT (197) | STAY_INDICATOR (219) | AFIL_ETO (172) | EST_DATA (186) | SAFA_MATCHED_FLIGHT (214) | RECEPTION_DATE (209) | LAST_UPDATE_DATE (196)

titleid**BNF:** 1{ ALPHABETIC }10

DOC: Detailed Definition: (1)A valid ADEXP message title,(see Annex B). ;

Value Definition:

Consistency Rules:



PAR: [msgtyp](#) (108) | [SAFA_MATCHED_FLIGHT](#) (214)

to

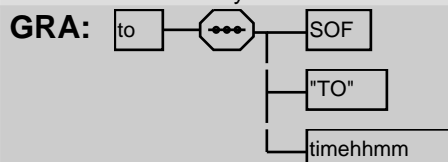
BNF: [SOF](#) + "TO" + [timehhmm](#)

DOC: Detailed Definition: (1)"Time Over/Off";. A generic time field which may contain the :time for a point or for an aerodrome. The time may be an :estimated, calculated or actual time depending upon its :context. ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



PAR: [pt](#) (113)

ttleet

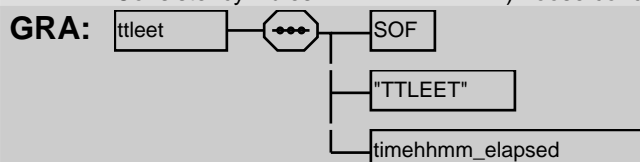
BNF: [SOF](#) + "TTLEET" + [timehhmm_elapsed](#)

DOC: Detailed Definition: (1)Total estimated elapsed time in hours and minutes. ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



PAR: [ADEXP_IFPL_TACT_MESSAGE_OUTPUT](#) (146) | [ADEXP_IACH_MESSAGE_OUTPUT](#) (40) | [ADEXP_IAFP_MESSAGE_INPUT](#) (43) | [ADEXP_IAPL_MESSAGE_OUTPUT](#) (45) | [ADEXP_ICHG_MESSAGE_INPUT](#) (50) | [ADEXP_ICHG_MESSAGE_OUTPUT](#) (53) | [ADEXP_IDEP_MESSAGE_OUTPUT](#) (59) | [ADEXP_IDLA_MESSAGE_INPUT](#) (61) | [ADEXP_IDLA_MESSAGE_OUTPUT](#) (64) | [ADEXP_IFPL_MESSAGE_INPUT](#) (67) | [ADEXP_IFPL_MESSAGE_OUTPUT](#) (70) | [FLIGHT_PLAN_DATA](#) (151)

typz

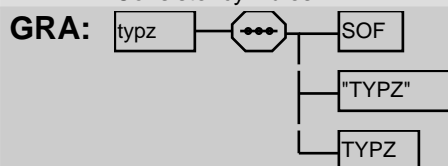
BNF: [SOF](#) + "TYPZ" + [TYPZ](#)

DOC: Detailed Definition: (1)Type of aircraft when no ICAO code exists. ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



PAR: [ADEXP_IFPL_TACT_MESSAGE_OUTPUT](#) (146) | [ADEXP_IACH_MESSAGE_OUTPUT](#) (40) | [ADEXP_IAFP_MESSAGE_INPUT](#) (43) | [ADEXP_IAPL_MESSAGE_OUTPUT](#) (45) | [ADEXP_ICHG_MESSAGE_INPUT](#) (50) | [ADEXP_ICHG_MESSAGE_OUTPUT](#) (53) | [ADEXP_IDEP_MESSAGE_OUTPUT](#) (59) | [ADEXP_IDLA_MESSAGE_INPUT](#) (61) | [ADEXP_IDLA_MESSAGE_OUTPUT](#) (64) | [ADEXP_IFPL_MESSAGE_INPUT](#) (67) | [ADEXP_IFPL_MESSAGE_OUTPUT](#) (70) | [FLIGHT_PLAN_DATA](#) (151)

valfrom

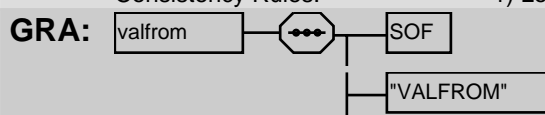
BNF: [SOF](#) + "VALFROM" + [date](#)

DOC: Detailed Definition: (1)First date from which the flight is scheduled to operate :(in year, month and day). ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



date

PAR: msgsum (107) | FLIGHT_PLAN_DATA (151)

valuntil

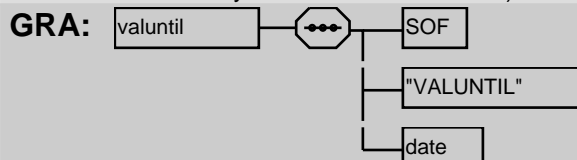
BNF: SOF + "VALUNTIL" + date

DOC: Detailed Definition: (1) Last date from which the flight is scheduled to operate :(in year, month and day). ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



PAR: msgsum (107) | FLIGHT_PLAN_DATA (151)

waketurbcat

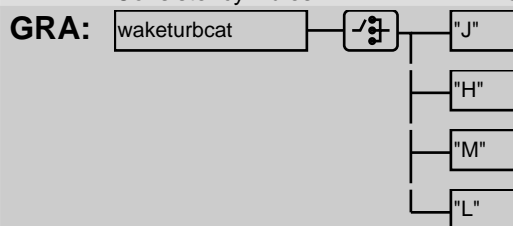
BNF: ["J" | "H" | "M" | "L"]

DOC: Detailed Definition: (1) Indication of the Wake Turbulence Category of the Aircraft Type in question. ;

Value Definition:

Consistency Rules:

J = Super Heavy, H = Heavy, M = Medium, L = Light;
none



PAR: WAKE_TURBULENCE_CATEGORY (222) | wktcr (133) | FLIGHT_PLAN_DATA (151)

wktrc

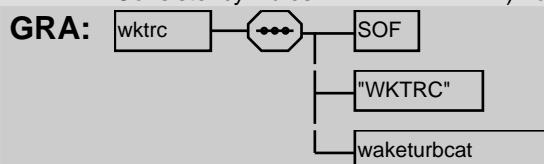
BNF: SOF + "WKTRC" + waketurbcat

DOC: Detailed Definition: (1) Wake turbulence category ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (146) | ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAFP_MESSAGE_INPUT (43) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (50) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_INPUT (61) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70)

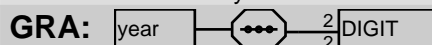
year

BNF: 2{ DIGIT }2

DOC: Detailed Definition: (1) Two last digits of a year. ;

Value Definition:

Consistency Rules:



PAR: date (90) | SERIAL_NUMBER (163)

Operational reply messages

Introduction

- ⁽¹⁾ The operational reply messages are used to indicate the result of processing of flight plan and associated messages. Operational reply messages are in ADEXP format. The title may be ACK, REJ or MAN.

Messages

ADEXP_ACK_MESSAGE

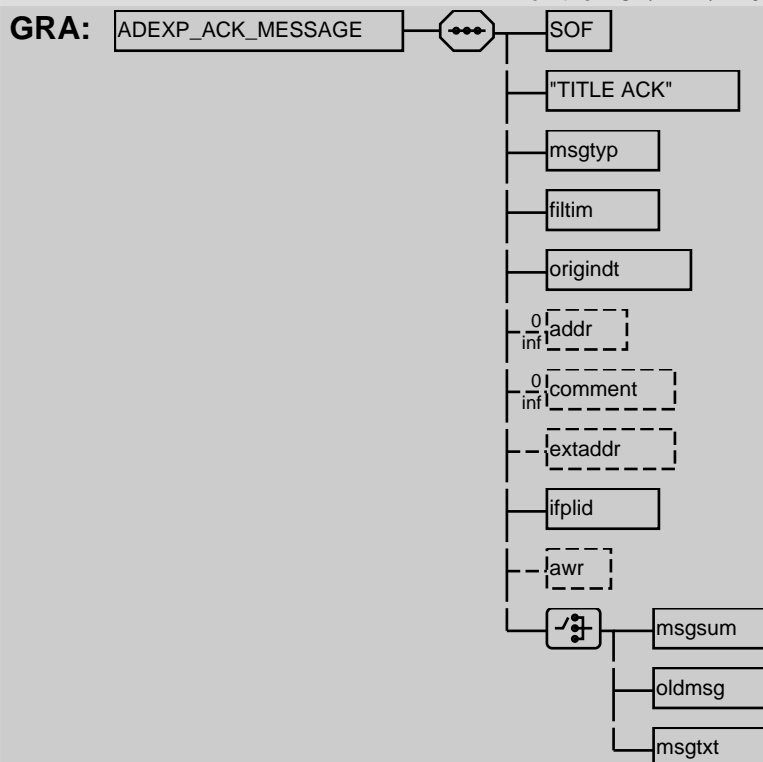
BNF: `SOF + "TITLE ACK" + msgtyp + filtim + origindt + 0{ addr } + 0{ comment } + (extaddr) + ifplid + (awr) + [msgsum | oldmsg | msgtxt]`

DOC: Detailed Definition: This is a message output by IFPS to acknowledge successful processing of an input message.;

Value Definition:

Consistency Rules:

1. These messages are only output by the IFPS. 2. Loose concatenation applies 3. The field 'ftim' contains the filing time of the original message to which the ACK/MAN/REJ refers to.



PAR: [IFPS_TO_EXT](#) (17)

ADEXP_MAN_MESSAGE

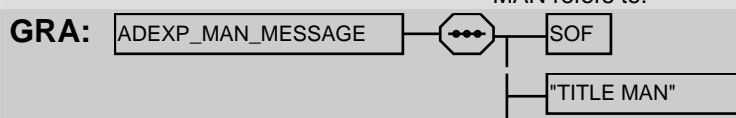
BNF: `SOF + "TITLE MAN" + msgtyp + filtim + origindt + 0{ addr } + 0{ comment } + (awr) + [msgsum | oldmsg | msgtxt]`

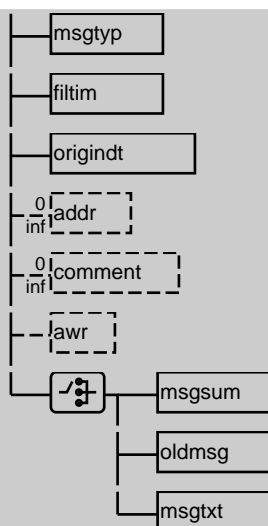
DOC: Detailed Definition: This is a message output by IFPS to acknowledge that manual processing of the input message is going to be performed;

Value Definition:

Consistency Rules:

1. These messages are only output by IFPS 2. Loose concatenation applies 3. The field 'ftim' contains the filing time of the original message to which the MAN refers to.





PAR: IFPS_TO_EXT (17)

ADEXP_REJ_MESSAGE

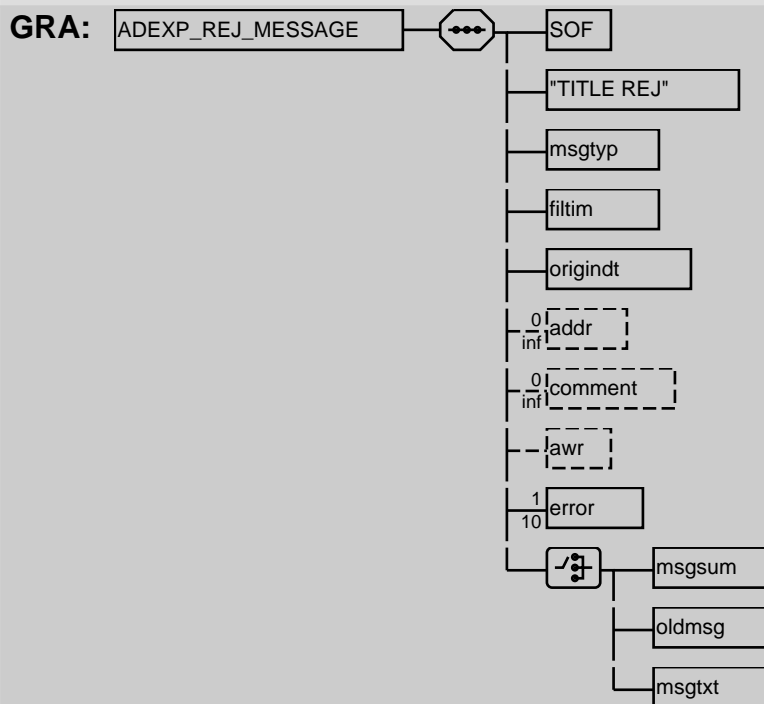
BNF: SOF + "TITLE REJ" + msgtyp + filtim + origindt + 0{ addr } + 0{ comment } + (awr) + 1{ error }10 + [msgsum | oldmsg | msgtxt]

DOC: Detailed Definition: This is a message output by IFPS to acknowledge that errors have been found in the input message and that the message is rejected.;

Value Definition:

Consistency Rules:

1. These messages are only output by the IFPS. 2. Loose concatenation applies. 3. The field 'filtim' contains the filing time of the original message to which the ACK/MAN/REJ refers to.



PAR: IFPS_TO_EXT (17)

Error messages in error field

⁽¹⁾ (1) Following table describes all possible values of error message text output by IFPS in ADEXP error field.

id error	error kind	error text
1	address_list	IFPS HAS NO CONTINGENCY ADDRESSEES BETWEEN <Adep_Name> AND <Ades_Name>

2	address_list	IFPS HAS NO ADDRESS DATA FOR AERODROME <Aerodrome_Name>
3	address_list	IFPS HAS NO ADDRESS DATA FOR AN AIR NAVIGATION UNIT
4	address_list	IFPS HAS NO ADDRESS DATA FOR THE ADEP
5	address_list	IFPS HAS NO ADDRESS DATA FOR THE CFMU
6	address_list	IFPS HAS NO ADDRESS DATA FOR POINT <Point_Name>
7	address_list	IFPS HAS NO ADDRESS DATA FOR A TERMINAL PROCEDURE
8	address_list	IFPS HAS NO ADDRESS DATA TO CLASSIFY POINT <Point_Name>
101	association	The standard route is identical to <Adep> <Ades> <Number>
102	association	The standard route identifier <Adep> <Ades> <Number> already exists
103	association	INVALID KEYS USED IN ASSOCIATION
104	association	RFPDS
105	association	OVERLAPPING ASSOCIATION DETECTED ON MULTIPLE (<Count>) <Status> RFPDS
106	association	NO ASSOCIATION DETECTED FOR THIS RFPD
107	association	NO ASSOCIATION ALLOWED FOR THIS SINGLE <Status> RFPD
108	association	OVERLAPPING ASSOCIATION DETECTED ON SINGLE <Status> RFPD
201	efpm	ADEP HAS A VALUE OF 'AFIL'
202	efpm	ACTUAL DATE AND TIME OF ARRIVAL IS NOT WITHIN ACCEPTABLE RANGE, AFTER RECEPTION TIME.
203	efpm	ACTUAL DATE AND TIME OF DEPARTURE IS NOT WITHIN ACCEPTABLE RANGE, AFTER RECEPTION TIME.
204	efpm	AERODROME IS NOT ZZZZ BUT <Message_Field> IS PRESENT
205	efpm	AERODROME IS ZZZZ BUT <Message_Field> IS NOT PRESENT
206	efpm	SPECIFIED POINT IS NOT ON ROUTE OF FILED FLIGHT PLAN
207	efpm	NO EXISTING FILED FLIGHT PLAN MATCHES THIS AIR FILED MESSAGE
208	efpm	AFP ROUTE ALTERS FPD ROUTE, REVIEW FIELD 15.
209	efpm	AMBIGUOUS VALUE
210	efpm	AIRCRAFT TYPE AND TYP_Z PRESENT
211	efpm	AIRCRAFT TYPE IS ZZZZ
212	efpm	C_EQPT HAS J BUT NO DAT IS PRESENT
213	efpm	C_EQPT HAS Z BUT NEITHER NAV OR COM IS PRESENT
214	efpm	CANNOT FIND LANDFALL AND/OR OCEANIC EXIT POINT IN THE ASSOCIATED FPD.
215	efpm	CHANGE MESSAGE MODIFIES <Message_Field>
216	efpm	THIS MESSAGE WAS AUTOMATICALLY BUILT, IT COULD BE INCOMPLETE.
217	efpm	DATE GIVEN IS INCONSISTENT WITH <Arg1> <Arg2>
218	efpm	DATE AND TIME GIVEN ARE INCONSISTENT WITH <Message_Field>
219	efpm	AMENDMENT TO EOBT CHANGES ROUTE
220	efpm	MESSAGE FILED BEFORE MATCHING FILED FLIGHT PLAN
221	efpm	WARNING. THIS EFPM IS VALID AND HAS BEEN CREATED FROM AN FPD
222	efpm	ESTIMATED OFF BLOCK DATE AND TIME NOT IN AN ACCEPTABLE RANGE
223	efpm	ERROR IN ASSOCIATION (SINGLE ASSOCIATION FOR NEW RPL)

224	efpm	FIELD FORBIDDEN IN THIS TYPE OF MESSAGE
225	efpm	ESTIMATED OFF BLOCK DATE AND TIME IS NOT WITHIN ACCEPTABLE RANGE, AFTER FILING TIME.
226	efpm	FLIGHT PLAN ALREADY GENERATED FROM RPL DATA
227	efpm	FLIGHT PLAN ALREADY RECEIVED FROM ADDRESS <From>
228	efpm	CIVIL FORMATION FLIGHT NOT PERMITTED IN EUR RVSM AIRSPACE
229	efpm	ASSOCIATION NO LONGER VALID, THE FPD IS CLOSED
230	efpm	INSUFFICIENT DATA TO CREATE A NEW FLIGHT PLAN
231	efpm	INVALID FORMAT
232	efpm	FPD_ID IS INCONSISTENT WITH EXISTING FILED FLIGHT PLAN
233	efpm	INVALID VALUE <Arg1>
234	efpm	MANUAL ADDRESSING REQUIRED. PRESS CHECK TO CONTINUE
235	efpm	THIS <Title> MESSAGE ASSOCIATES WITH THE FPD: <Fpd_Keys>
236	efpm	THE MATCHING FILED FLIGHT PLAN IS CLASSIFIED AS UNPROCESSED
237	efpm	MESSAGE MATCHES EXISTING INVALID MESSAGES
238	efpm	MISSING OR ERRONEOUS FIELD
239	efpm	MESSAGE MATCHES MULTIPLE FLIGHT PLANS
240	efpm	NO VALID ENVIRONMENT FOR (REFERENCE) TIME <Time>
241	efpm	NO EXISTING FILED FLIGHT PLAN MATCHES THIS MESSAGE
242	efpm	NON APPROVED FLIGHT WITHIN EUR RVSM AIRSPACE
243	efpm	RPL OVERLAPS 2 ACTIVE AIRAC CYCLES
244	efpm	VALIDITY PERIOD INTERSECTS THAT OF (AN) EXISTING INVALID MESSAGE(S)
245	efpm	FPL WITH SAME ARC_ID AND OVERLAPPING FLYING PERIOD EXISTS: <Fpl_Identification>
246	efpm	POSSIBLE DOF SUBFIELD WITH WRONG SYNTAX DETECTED IN FIELD18.
247	efpm	FLIGHT PLAN DATA HAS RESTRICTED ACCESS.
248	efpm	THE FIELD MUST BE REPLACED BY A VALID ICAO DESIGNATOR
249	efpm	INCONSISTENCIES WITH THE NEW ENVIRONMENT DETECTED DURING REPROCESSING
250	efpm	MISSING ROUTE DATA
251	efpm	UNEXPECTED ROUTE DATA
252	efpm	FIELDS 10 AND/OR 18 INCORRECT FOR STATE FORMATION FLIGHT IN EUR RVSM AIRSPACE
253	efpm	NON RVSM APPROVED FLIGHT WITHIN EUR RVSM AIRSPACE AND NOT STS/NONRVSM IS NOT EXPECTED FOR A CIVIL AIRCRAFT
254	efpm	STS/NONRVSM IS REQUIRED FOR NON RVSM APPROVED STATE FLIGHT
255	efpm	VFR NOT PERMITTED IN OR ABOVE EUR RVSM AIRSPACE
256	efpm	WAKE TURBULENCE CATEGORY DOES NOT CORRESPOND TO AIRCRAFT TYPE
257	efpm	RPL WILL NOT GENERATE ANY IFPL
301	file_load	BAD CHARACTER DETECTED
302	file_load	DUPLICATE RPL DETECTED ON ROW <Row>

303	file_load	UNABLE TO DETERMINE FILE FORMAT
304	file_load	CANNOT FIND VALID AOA FOR ARC_ID '<Aoa>'
305	file_load	INVALID AORO ' <Aoro> '
306	file_load	INVALID RPL RECORD
307	file_load	NO RPLS DETECTED
308	file_load	INVALID SUBMISSION TYPE ' <Submission_Type> '
309	file_load	CANNOT FIND THE TRAILING RECORD
401	fpp	(<Trim (Natural'IMAGE (The_Error.Position.Left_Boundary)))> , <Trim (Natural'IMAGE (The_Error.Position.Right_Boundary)))>)
402	fpp	<Class_External.Image (The_Error.Class)> :
403	fpp	, COL= <Natural'IMAGE (The_Error.Position.Col)>
404	fpp	(<Adexp.Field_T'IMAGE (The_Error.Field)>) <adexp field name>
405	fpp	(I)
406	fpp	(IL) AT ROW=<#row>, COL=<#column>
407	fpp	POSN= <Natural'IMAGE (The_Error.Position.Pos)>
408	fpp	AT ROW= <Natural'IMAGE (The_Error.Position.Row)>
601	general	UNABLE TO PROCESS FLIGHT PLANS AT THIS MOMENT
602	general	UNABLE TO GENERATE A COMPLETE REPLY
801	profile	PROFILE ANALYSIS STOPPED. ENVIRONMENT DATA FOR <Route_Item_A> AND <Route_Item_B> IS DEFICIENT
802	profile	PROFILE ANALYSIS STOPPED
803	profile	LEVEL RANGE <FI_Range> IS UNAVAILABLE ON <Route> ON PORTION <Portion> (<Citypair>)
804	profile	INVALID EET AT OCEANIC BOUNDARY
805	profile	CANNOT CLIMB OR DESCEND. <Route> NOT AVAILABLE ON PORTION <Portion> ON FL RANGE <FI_Range> (<Citypair>)
806	profile	<Route> CLOSED CDR_1 ON PORTION <Portion> ON FL RANGE <FI_Range> (<Citypair>)
807	profile	<Route> NOT OPENED CDR_2 ON PORTION <Portion> ON FL RANGE <FI_Range> (<Citypair>)
808	profile	<Route> CDR_3 ON PORTION <Portion> ON FL RANGE <FI_Range> (<Citypair>)
809	profile	RS: CLOSED AT: <Ref_Loc_Band> REF: <Pub_Ref> UNIT: <Tos_Unit> BETWEEN: <Citypair>
810	profile	<Route> DOES NOT EXIST ON PORTION <Portion> ON FL RANGE <FI_Range> (<Citypair>)
811	profile	RS: OFF MANDATORY ROUTE AT: <Ref_Loc_Band> REF: <Pub_Ref> UNIT: <Tos_Unit> BETWEEN: <Citypair>
812	profile	<Route> NOT AVAILABLE ON PORTION <Portion> ON FL RANGE <FI_Range> (<Citypair>)
813	profile	!OBSOLETE ERROR! LEVEL <Flight_Level> IS UNAVAILABLE ON <Route> FROM <Point_A_And_B> (<Citypair>)
814	profile	!OBSOLETE ERROR! <Route> NOT ACCESSIBLE FROM <Point_A> TO <Point_B> (<Citypair>)
815	profile	USE OF UHF NOT PERMITTED IN 8.33 SECTOR(S) <Sectors>

816	profile	<Es1> , <Es2> , <Es3> , <Es4> ...
817	profile	<Es1> , <Es2> , <Es3>
818	profile	<Es1> , <Es2>
819	profile	UNEQUIPPED FLIGHT ENTERS 8.33 SECTOR(S) <Sectors>
820	profile	<Es1> , <Es2> , <Es3> , <Es4> ...
821	profile	<Es1> , <Es2> , <Es3>
822	profile	RS: ON FORBIDDEN ROUTE: <Crossed_Route> REF: <Pub_Ref> UNIT: <Tos_Unit> BETWEEN: <Citypair>
823	profile	TTL_EET DIFFERENCE > <Percentage> %, CALCULATED TTL_EET FROM <Adep> TO <Ades> = <Calculated_Ttl_Eet> (HHMM).
824	profile	UNKNOWN ITEM <Route_Item>
901	rerouting	THE NEW ROUTE PORTION DOES NOT END WITH A POINT OR AN AERODROME
902	rerouting	THE NEW ROUTE PORTION DOES NOT START WITH A POINT OR AN AERODROME
903	rerouting	THE REFERENCED FLIGHT PLAN DOES NOT EXIST IN IFPS. IFPL_ID: <The_Fpd_Id>
904	rerouting	<The_Point> IS IN A VFR AND/OR OAT AND/OR IFPSTOP PART OF THE ORIGINAL ROUTE
905	rerouting	<The_Point> IS NOT IN ORIGINAL ROUTE OR WAS NOT PROCESSED DUE TO IFPSTOP
906	rerouting	CANNOT ADD SPEED/RFL AT POINT <The_Point> . IT IS NOT ON THE NEW CONSTRUCTED ROUTE.
907	rerouting	INTERNAL_ERROR: UNABLE TO PROCESS REQUEST FOR FPD <The_Fpd_Id>
1001	rfp_file	INCORRECT RPL COUNT IN <File_Section>
1002	rfp_file	DUPLICATE KEYWORD IN LABEL FILE
1003	rfp_file	EXPECTED TEXT 'ARPLBLK' FROM POSITION 54 OF RECORD
1004	rfp_file	EXPECTED TEXT 'DEST' FROM POSITION 10 OF DESTINATION RECORD
1005	rfp_file	MISSING DESTINATION RECORD
1006	rfp_file	EXPECTED EOF1 LABEL
1007	rfp_file	EXPECTED HDR1 LABEL
1008	rfp_file	EXPECTED TEXT 'RPL' IN RECORD
1009	rfp_file	EXPECTED RPL HEADER RECORD
1010	rfp_file	EXPECTED TEXT 'RPLBULK' FROM POSITION 54 OF RECORD
1011	rfp_file	MISSING SENDER RECORD
1012	rfp_file	EXPECTED TEXT 'SNDR' FROM POSITION 10 OF SENDER RECORD
1013	rfp_file	MISSING TRAILER RECORD
1014	rfp_file	EXPECTED VOL1 LABEL
1015	rfp_file	FILE ERROR
1016	rfp_file	THIS IFPU IS NOT RESPONSIBLE FOR PROCESSING THIS RFPF OR REFPM
1017	rfp_file	MULTI VOLUME SUBMISSIONS NOT ALLOWED
1018	rfp_file	INVALID ARPL IN FILE
1019	rfp_file	INVALID EXPIRY DATE

1020	rfp_file	ONLY *.lbl *.rfp OR *.afp FILENAMES PERMITTED IN ADEXP SUBMISSION
1021	rfp_file	INVALID LABEL FILE
1022	rfp_file	INVALID VALIDITY DATE
1023	rfp_file	INVALID *.lbl FILE
1024	rfp_file	ONLY ONE LABEL FILE PERMITTED PER ADEXP SUBMISSION
1025	rfp_file	ONLY ONE *.rfp FILE PERMITTED PER ADEXP SUBMISSION
1026	rfp_file	SUBMISSION VALIDITY DATE IS <Time_A> BUT THE EARLIEST ALLOWABLE IS <Time_B>
1027	rfp_file	NO ADEXP FLIGHT PLANS IN THIS SUBMISSION
1028	rfp_file	UNKNOWN IFPS GROUP
1029	rfp_file	UNKNOWN IFPU ROLE
1030	rfp_file	UNKNOWN AIRCRAFT OPERATOR
1031	rfp_file	NO ROUTE INFORMATION FOR RPL
1032	rfp_file	INVALID *.rfp FILE
1033	rfp_file	UNDEFINED SUBMISSION TYPE
1034	rfp_file	UNEXPECTED END OF FILE
1035	rfp_file	UNEXPECTED END OF FILE IN <File_Section> LABEL
1036	rfp_file	VALIDITY DATE CANNOT BE USED FOR ENVIRONMENT ACCESS
1037	rfp_file	VALIDITY DATE AFTER EXPIRY DATE
1101	route	ROUTE ANALYSIS HAS ABORTED DUE TO DEFICIENT OR INCONSISTENT ENVIRONMENT
1102	route	ROUTE ANALYSIS HAS ABORTED
1103	route	MORE THAN ONE ENTRY/EXIT POINT ON <Route>
1104	route	AMBIGUOUS ENTRY EXIT ROUTE ON <Route>
1105	route	CRUISING FLIGHT LEVEL INVALID OR INCOMPATIBLE WITH AIRCRAFT PERFORMANCE
1106	route	CRUISING SPEED IS INVALID OR INCOMPATIBLE WITH AIRCRAFT PERFORMANCE
1107	route	UNKNOWN DESIGNATOR <Designator>
1108	route	FLIGHT LEVEL AT <Point> IS INVALID OR INCOMPATIBLE WITH AIRCRAFT PERFORMANCE
1109	route	SPEED AT <Point> IS INVALID OR INCOMPATIBLE WITH AIRCRAFT PERFORMANCE
1110	route	INVALID TIME GIVEN FOR <Point>
1111	route	<Route_Item_A> AND <Route_Item_B> CANNOT BE SEQUENTIAL
1112	route	MULTIPLE ROUTES BETWEEN <Point_A> and <Point_B> . THE POSSIBLE ROUTES ARE: <Route_List>
1113	route	CANNOT EXPAND THE ROUTE <The_Route>
1114	route	CANNOT FIND ENTRY/EXIT POINT ON <On_Route>
1115	route	CANNOT FIND ENTRY/EXIT ITEM.
1116	route	INVALID DCT SEGMENT <Point_A> .. <Point_B> . NOT ALLOWED TO CROSS THE <Fird> BORDER.
1117	route	INCONSISTENT DATA GIVEN FOR <Point>

1118	route	A DIRECT ROUTE (DCT) CANNOT APPEAR BETWEEN <Route_Item_A> AND <Route_Item_B>
1119	route	THE DCT SEGMENT <Route_Item_A> : <length> NM IS TOO LONG FOR <Route_Item_B> MAXIMUM IS: <Distance> NM
1120	route	THE DIRECT ROUTE FROM <Route_Item_A> TO NEXT ITEM IS TOO LONG
1121	route	THE DIRECT ROUTE FROM PREVIOUS ITEM TO <Route_Item_B> IS TOO LONG
1122	route	EXPECTED ENTRY/EXIT POINT BEFORE <Route_Item>
1123	route	EXPECTED ENTRY/EXIT POINT AFTER <Route_Item>
1124	route	EXPECTED ENTRY/EXIT POINT BEFORE <Route_Item>
1125	route	THE ROUTE <Route> CANNOT HAVE A GEO OR REF JUNCTION POINT
1126	route	THIS FIELD VALUE IS INCONSISTENT WITH THE FLIGHT RULES.
1127	route	INVALID RFL AT EUR RVSM AIRSPACE ENTRY/EXIT
1128	route	INVALID EUR RVSM AIRSPACE ENTRY/EXIT CONDITION
1129	route	<The_Item> IS NOT AN OCEANIC ENTRY/EXIT POINT.
1130	route	NO LANDFALL POINT FOUND IN THIS <Msg_Type>
1131	route	CONVERSION TO ADEXP SYNTAX WILL BE IMPOSSIBLE. A <Type_Of_Change> IS GIVEN AT A DUPLICATE POINT: <The_Point>
1132	route	MULTIPLE JUNCTION BETWEEN <Route_A> AND <Route_B> , <Point> IS SUGGESTED.
1133	route	MULTIPLE JUNCTION BETWEEN <Route_A> AND <Route_B> .
1134	route	THE POINT: <Point> IS REPEATED, USE RENAME FIELD.
1135	route	MULTIPLE DIRECT OR ATS ROUTES FROM <Point_A> TO <Point_B>
1136	route	THE NAT <Nat_Id> IS NOT CONNECTED TO THE REST OF THE ROUTE.
1137	route	MISSING CRUISING FLIGHT LEVEL
1138	route	MISSING CRUISING SPEED
1139	route	MISSING DESIGNATOR
1140	route	THE ROUTE HAS NO IFR SECTION
1141	route	NO JUNCTION POINT FOUND BETWEEN <Route_A> AND <Route_B>
1142	route	LEVEL DATA FOR <Point> IS MISSING
1143	route	NO MORE VALID DATA FOR <Nat_Bound> NAT
1144	route	NO KNOWN DEPARTURE PROCEDURE BETWEEN <Adep> AND <Route_Item>
1145	route	MISSING SPEED AT <Point>
1146	route	NO ARRIVAL PROCEDURE BETWEEN <Route_Item> AND <Ades>
1147	route	<Route> NOT ACCESSIBLE FROM <Point_A> TO <Point_B>
1148	route	FLIGHT NOT APPLICABLE TO IFPS
1149	route	<Point> IS NOT THE FIRST POINT ON THE ARRIVAL PROCEDURE <Star>
1150	route	<Point> IS NOT THE LAST POINT ON THE DEPARTURE PROCEDURE <Sid>
1151	route	THE ARRIVAL PROCEDURE MUST BE THE LAST ITEM IN THE ROUTE
1152	route	THE DEPARTURE PROCEDURE <Sid> MUST BE THE FIRST ITEM IN THE ROUTE
1153	route	THERE IS NO OCEANIC ENTRY/EXIT POINT IN THIS <Msg_Type>

1154	route	THE POINT: <Point> IS NOT IN THE RTE_PTS FIELD.
1155	route	THE POINT <Point> IS NOT ON THE ROUTE <Route>
1156	route	A POINT OF THE ROUTE <The_Route> IS EXPECTED AFTER <The_Route>
1157	route	A POINT OF THE ROUTE <The_Route> IS EXPECTED BEFORE <The_Route>
1158	route	CANNOT HAVE A ROUTE BETWEEN THE SAME POINT; ROUTE: <Route> , POINT: <Point>
1159	route	DCT NOT ALLOWED. ONLY UNAVAILABLE ROUTE(S) FROM <From_Point> TO <To_Point> .
1160	route	POINT SEQUENCE FROM <Point_A> TO <Point_B> IS NOT ON THE ROUTE
1161	route	THE SID LIMIT IS EXCEEDED FOR AERODROME <Item_A> CONNECTING TO <Item_B> .
1162	route	THE STAR LIMIT IS EXCEEDED FOR AERODROME <Item_A> CONNECTING TO <Item_B> .
1163	route	TRUNCATED ROUTE
1164	route	INSUFFICIENT DATA TO RESOLVE HOMONYM AT <Point>
1165	route	FLIGHT RULES Y WITH NO VFR PART.
1201	syntax	EXPECTED ATS UNIT DESIGNATOR
1202	syntax	EXPECTED CNA EQUIPMENT DESIGNATOR
1203	syntax	MISSING OR INVALID CHANGE RULES
1204	syntax	EXPECTED DATE DESIGNATOR NOT FOUND
1205	syntax	INTERNAL ERROR
1206	syntax	EQPT FIELD NOT ALLLOWED
1207	syntax	EXPECTED ATS UNIT DESIGNATOR
1208	syntax	EXPECTED END OF MESSAGE
1209	syntax	MISSING OR INVALID FLIGHT RULES
1210	syntax	MISSING OR INVALID FLIGHT TYPE
1211	syntax	EXPECTED FLIGHT TYPE AND RULES
1212	syntax	EXPECTED '/'
1213	syntax	INVALID MESSAGE LENGTH
1214	syntax	INCORRECT PAIRING OF BRACKETS '(' AND ')'
1215	syntax	INVALID BEARING DESIGNATOR
1216	syntax	FIELD CONTAINS INVALID CHARACTER(S)
1217	syntax	INVALID DATE DESIGNATOR
1218	syntax	INVALID DAYS OF OPERATION
1219	syntax	INVALID DESIGNATOR
1220	syntax	INVALID DISTANCE DESIGNATOR
1221	syntax	INVALID FIELD
1222	syntax	INVALID LATITUDE DESIGNATOR
1223	syntax	INVALID LEVEL DESIGNATOR
1224	syntax	INVALID LIST
1225	syntax	INVALID LONGITUDE DESIGNATOR
1226	syntax	INVALID EOBT

1227	syntax	INVALID POINT
1228	syntax	INVALID SEPARATOR
1229	syntax	INVALID SOURCE
1230	syntax	INVALID SPEED DESIGNATOR
1231	syntax	INVALID STANDARD ROUTE SEQUENCE NUMBER IN THE AIRCRAFT ID FIELD
1232	syntax	INVALID TERMINATOR
1233	syntax	INVALID TIME DESIGNATOR
1234	syntax	MISSING OR INVALID TITLE
1235	syntax	DUPLICATE DATA
1236	syntax	NO MERIDIAN ALLOWED IN FIELD
1237	syntax	MISSING OR INVALID ADEXP ADDRESS
1238	syntax	MISSING OR INVALID END KEYWORD
1239	syntax	MISSING OR INVALID ETO
1240	syntax	MISSING OR INVALID SIGNIFICANT POINT DESIGNATOR
1241	syntax	MISSING OR INVALID ROUTE POINTS
1242	syntax	MISSING FIELD
1243	syntax	MISSING PARENTHESIS
1244	syntax	MULTIPLE FLIGHT INFO RECORDS IN RPL
1245	syntax	MULTIPLE MATCHING LATITUDE FOUND IN ROUTE, CANNOT EXPAND PARALLEL
1246	syntax	MULTIPLE MATCHING LONGITUDE FOUND IN ROUTE, CANNOT EXPAND MERIDIAN
1247	syntax	MISSING ACTIVATION DAY
1248	syntax	NO CHANGES ALLOWED IN KEY FIELD
1249	syntax	NO MATCHING LONGITUDE FOUND IN ROUTE, CANNOT EXPAND MERIDIAN
1250	syntax	VFR FLIGHTS NOT PROCESSED BY IFPS
1251	syntax	EXPECTED NUMERIC
1252	syntax	NO PARALLEL ALLOWED IN FIELD
1253	syntax	EXPECTED REFERENCE POINT DATA
1254	syntax	REMARK RECORD (4) CANNOT BE PARSED
1255	syntax	EXPECTED SSR EQUIPMENT DESIGNATOR
1256	syntax	SUSPECT INVALID FIELD
1257	syntax	SUSPECT TEXT TOO LONG
1258	syntax	FIELD TEXT TOO LONG
1259	syntax	FIELD TEXT TOO SHORT
1260	syntax	EXPECTED TIME DESIGNATOR NOT FOUND
1261	syntax	TOO MANY ADDRESSES ON LINE
1262	syntax	TOO MANY ALTERNATE AERODROMES
1263	syntax	ADDITIONAL DATA FOLLOWS TRUNCATION INDICATOR
1264	syntax	UNEXPECTED SSR MODE/CODE

1265	syntax	UNEXPECTED SEPARATOR
1266	syntax	MISSING OR INVALID AIRCRAFT ID
1267	syntax	UNKNOWN AIRCRAFT MODEL
1268	syntax	UNKNOWN ENTRY TYPE
1269	syntax	UNKNOWN FLIGHT RULES
1270	syntax	UNKNOWN OR UNEXPECTED FIELD
1271	syntax	UNKNOWN RPL RECORD TYPE
1272	syntax	EXPECTED WAKE TURBULENCE CATEGORY

RPLs

Introduction

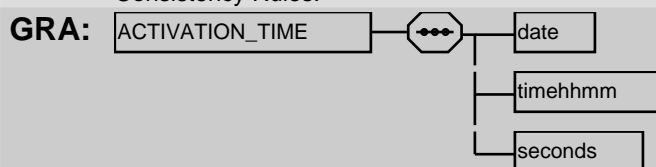
- (1) This chapter describes the Repetitive Flight Plan Messages that are received by the RPL system from the Airline Operators or their representatives.
- (2) This chapter also describes the output of the RPL system processing, which is sent to IFPS and TACT systems and to the Airline Operators or their representatives.

Repetitive Flight Plan Messages

ACTIVATION_TIME

BNF: `date + timehhmm + seconds`

DOC: Detailed Definition: (1) A date and time indication in the format YYMMDDHHMMSS;
Value Definition:
Consistency Rules:



PAR: `RECOVERY_FILE_OUTPUT` (160)

ADDRESS_INFO

BNF: `25{ ALPHANUMERIC }25`

DOC: Detailed Definition: (1) Specifies address information.;
Value Definition:
Consistency Rules:

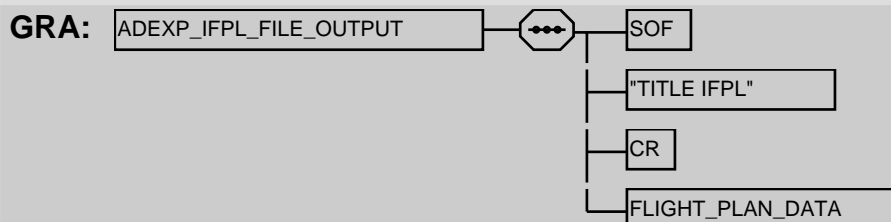


PAR: `RPL_ACK_MESSAGE` (161) `RPL_ACK_MESSAGE` (161)

ADEXP_IFPL_FILE_OUTPUT

BNF: `SOF + "TITLE IFPL" + CR + FLIGHT_PLAN_DATA`

DOC: Detailed Definition: Message containing individual flight plan data in ATS Data Exchange Presentation.;
Value Definition:



PAR: `RECOVERY_FILE_OUTPUT` (160)

ADEXP_IFPL_TACT_FILE_OUTPUT

BNF: `1{ ADEXP_IFPL_TACT_MESSAGE_OUTPUT }`

DOC: Detailed Definition: File containing individual flight plan messages in the ATS Data Exchange Presentation, as accepted by TACT. (1) The files are identified by a filename with the following syntax: generation_date + '.RPL_IFPLS_TO_TACT_' + day_number generation_date ::= date day_number ::= 1 {DIGIT} (2) Normally

only one file(for the next day, day_number value '1')will be generated. (3) Last generated filewill be accessible for the TACT system by a link with the name 'RPLS_FOR_TACT'. ;

Value Definition:



PAR: [RPL_TO_TACT](#) (19)

ADEXP_IFPL_TACT_MESSAGE_OUTPUT

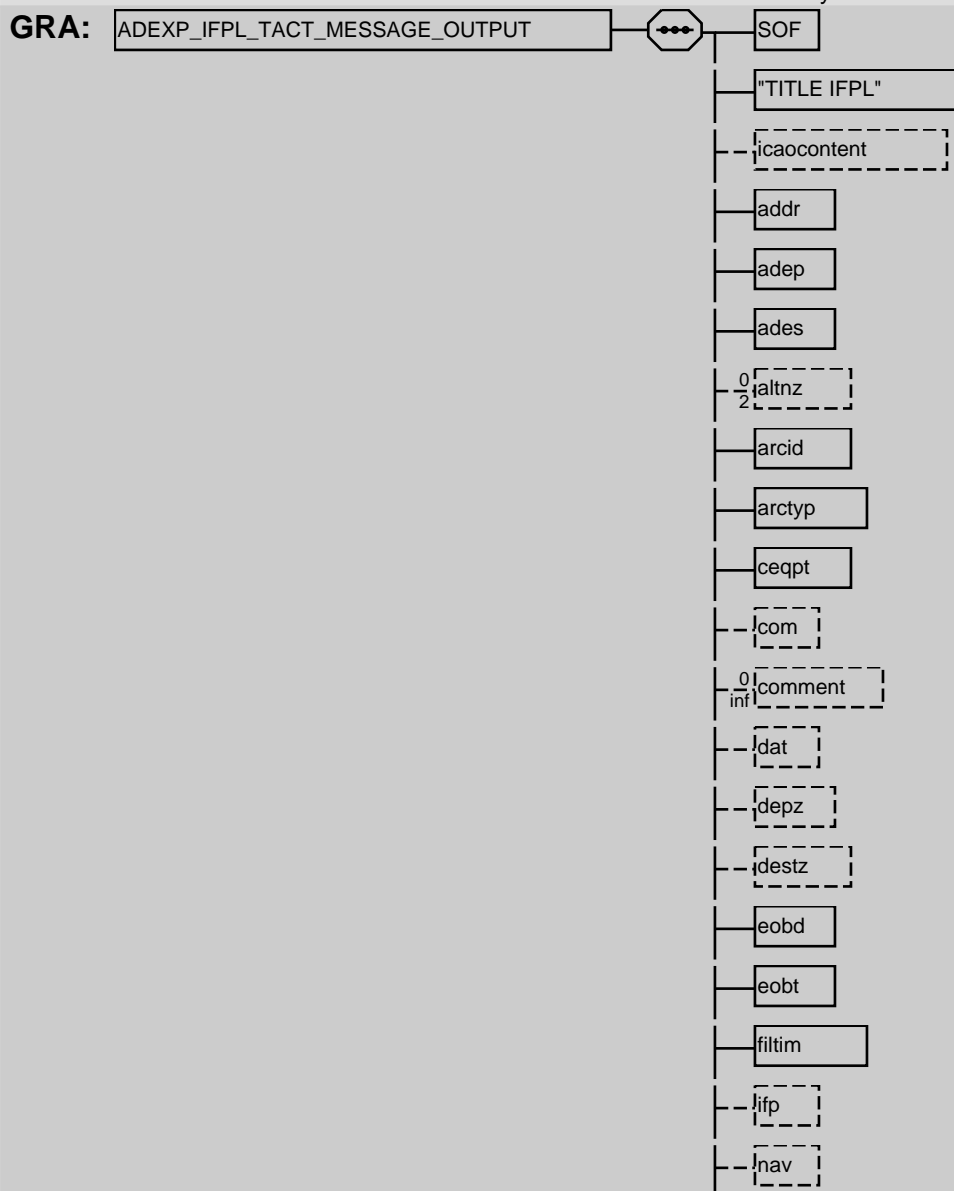
BNF: `SOF + "TITLE IFPL" + (icaocontent) + addr + adep + ades + 0{ altnz }2 + arcid + arctyp + ceqpt + (com) + 0{ comment } + (dat) + (depz) + (destz) + eobd + eobt + filtim + (ifp) + (nav) + (nbarc) + (opr) + (aoarcid) + (aoopr) + (orgnid) + (origin) + (per) + (ralt) + (reg) + (rfp) + (rmk) + (rvr) + seqpt + (sel) + src + (ssrcode) + 0{ sts } + 0{ eur } + (pbn) + (sur) + (talt) + (dle) + (typz) + wktrc + ttleet + fltrul + flttyp + (altrnt1) + (altrnt2) + (afildata) + 0{ eetfir } + 0{ eetlat } + 0{ eetlong } + 0{ eetpt } + (rif) + 0{ geo } + 0{ ref } + 0{ rename } + 1{ rfl } + 1{ [speed | mach] } + rtepts + 0{ atsr } + 0{ dct } + 0{ chgrul } + 0{ crsclimb } + (sid) + (star)`

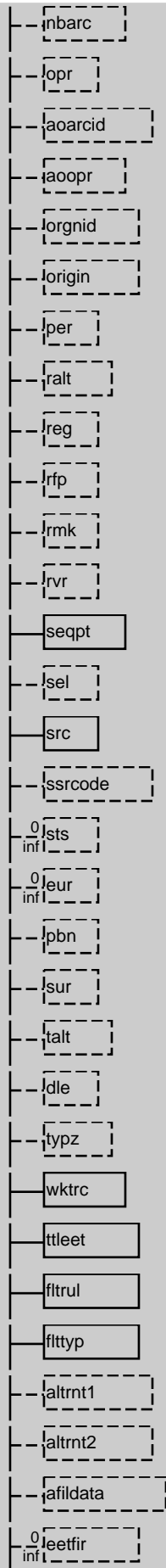
DOC: Detailed Definition: Message containing individual flight plan data in ATS Data Exchange Presentation, as accepted by TACT. ;

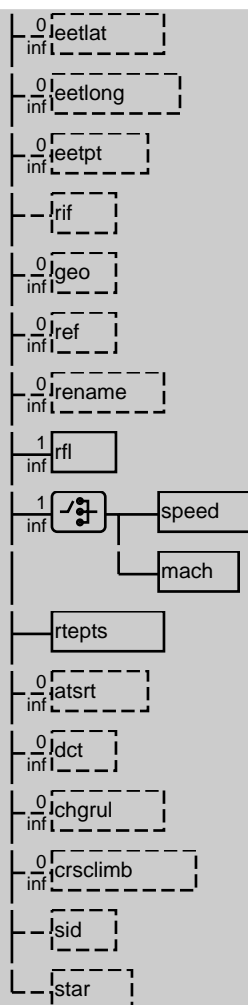
Value Definition:

Consistency Rules:

1. Each one of the fields is followed by end of line indication LF. 2. Ifthere is only one occurrence of rfl,this isthe initial requested flightlevel. 3. Ifthere is only one occurrence of speed or mach, this isthe initialrequested speed or mach for the flight. 4. The icaocontent field shall be present only in message send from IFPS to TACT and it shall always folow the TITLE field





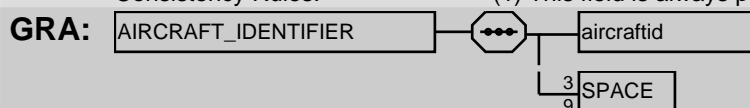


PAR: [ADEXP_IFPL_TACT_FILE_OUTPUT](#) (145)

AIRCRAFT_IDENTIFIER

BNF: [aircraftid](#) + 3{ [SPACE](#) }9

DOC: Detailed Definition: (1) ICAO aircraft identification.;
 Value Definition:
 Consistency Rules: (1) This field is always padded out with SPACES until length 10.



PAR: [IFPS_RPL_INFO_RECORD](#) (156) [IFPS_RPL_INFO_RECORD_WITH_DELIMITER](#) (157)

AIRCRAFT_OPERATOR_ICAO_ID

BNF: 3{ [ALPHABETIC](#) }3

DOC: Detailed Definition: (1) An attribute to contain : -a three letter designator for an AOA acc. to doc. 8585 or -a three letter designator for an AOA supposed to be incorporated into doc. 8585 in future.;
 Value Definition: [AAA...ZZZ]
 Consistency Rules: None..

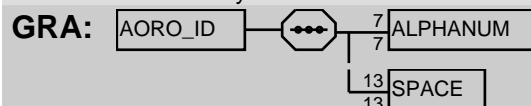


PAR: [AOARCID](#) (175) [AOOPR](#) (175) [IFPS_RPL_HEADER_RECORD](#) (155) [\\$AFA_EXEMPTION_CRITERIA](#) (214)

AORO_ID

BNF: 7{ [ALPHANUM](#) }7 + 13{ [SPACE](#) }13

DOC: Detailed Definition: (1) Originator identifier;
Value Definition:
Consistency Rules:

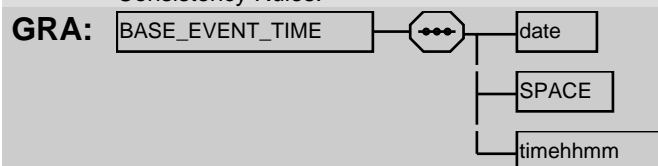


PAR: [IFPS_RPL_SENDER_RECORD](#) (159)[IFPS_RPL_TRAILER_RECORD](#) (159)[RPL_ACK_MESSAGE](#) (161)

BASE_EVENT_TIME

BNF: [date](#) + [SPACE](#) + [timehhmm](#)

DOC: Detailed Definition: Base event time;
Value Definition:
Consistency Rules:

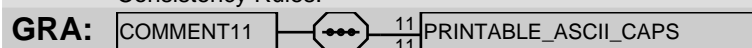


PAR: [IDENTIFICATION](#) (153)

COMMENT11

BNF: 11{ [PRINTABLE_ASCII_CAPS](#) }11

DOC: Detailed Definition: (1) Field for specifying comments/remarks etc.;
Value Definition:
Consistency Rules:

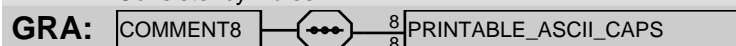


PAR: [IFPS_RPL_DESTINATION_RECORD](#) (153)

COMMENT8

BNF: 8{ [PRINTABLE_ASCII_CAPS](#) }8

DOC: Detailed Definition: (1) Field for specifying comments/remarks etc.;
Value Definition:
Consistency Rules:



PAR: [IFPS_RPL_SENDER_RECORD](#) (159)

DATA_FORMAT_TOKEN

BNF: "RPLBULK"

DOC: Detailed Definition: (1) Format of the data.;
Value Definition:
Consistency Rules:

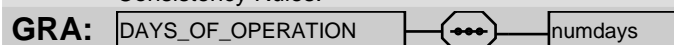


PAR: [IFPS_RPL_DESTINATION_RECORD](#) (153)[IFPS_RPL_SENDER_RECORD](#) (159)

DAYS_OF_OPERATION

BNF: [numdays](#)

DOC: Detailed Definition: (1)The indication of the days of the week on which an RPL is active. ;
Value Definition:
Consistency Rules:



PAR: [IFPS_RPL_INFO_RECORD](#) (156)[IFPS_RPL_INFO_RECORD_WITH_DELIMITER](#) (157)

DELIMITER_TOKEN**BNF:** "\"

DOC: Detailed Definition: (1) Token used to separate fields in a IFPS_RPL_FILE_WITH_DELIMITER.;
 Value Definition:
 Consistency Rules:

GRA:

PAR: IFPS_RPL_FILE_WITH_DELIMITER (155)IFPS_RPL_FILE_WITH_DELIMITER (155) |
 IFPS_RPL_INFO_RECORD_WITH_DELIMITER (157)IFPS_RPL_INFO_RECORD_WITH_DELIMITER (157) |
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 IFPS_RPL_INFO_RECORD_WITH_DELIMITER (157)IFPS_RPL_INFO_RECORD_WITH_DELIMITER (157) |
 IFPS_RPL_INFO_RECORD_WITH_DELIMITER (157)IFPS_RPL_INFO_RECORD_WITH_DELIMITER (157) |

DESTINATION_ID**BNF:** 20{ PRINTABLE_ASCII_CAPS }20

DOC: Value Definition:
 Consistency Rules:

GRA:

PAR: IFPS_RPL_DESTINATION_RECORD (153)

DESTINATION_TOKEN**BNF:** "DESTCOLON"

DOC: Value Definition:
 Consistency Rules:

GRA:

PAR: IFPS_RPL_DESTINATION_RECORD (153)

ENTRY_TYPE_TOKEN**BNF:** [SPACE | "+" | "-"]

DOC: Detailed Definition: (1) Entry type: ""-" for a flight to be cancelled, ""+" for a new flightand SPACE for an unchanged flight.;
 Value Definition:
 Consistency Rules:

GRA:

PAR: IFPS_RPL_INFO_RECORD (156)IFPS_RPL_INFO_RECORD_WITH_DELIMITER (157)

EXPIRY_DATE**BNF:** ["UFN" + 3{ SPACE }3 | date]

DOC: Detailed Definition: (1) The date upon which this filesubmission is no longer considered valid.;
 Value Definition:
 Consistency Rules: (1) Value ""UFN" means until as indicated on next submission.

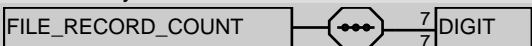
GRA:

PAR: IFPS_RPL_HEADER_RECORD (155)

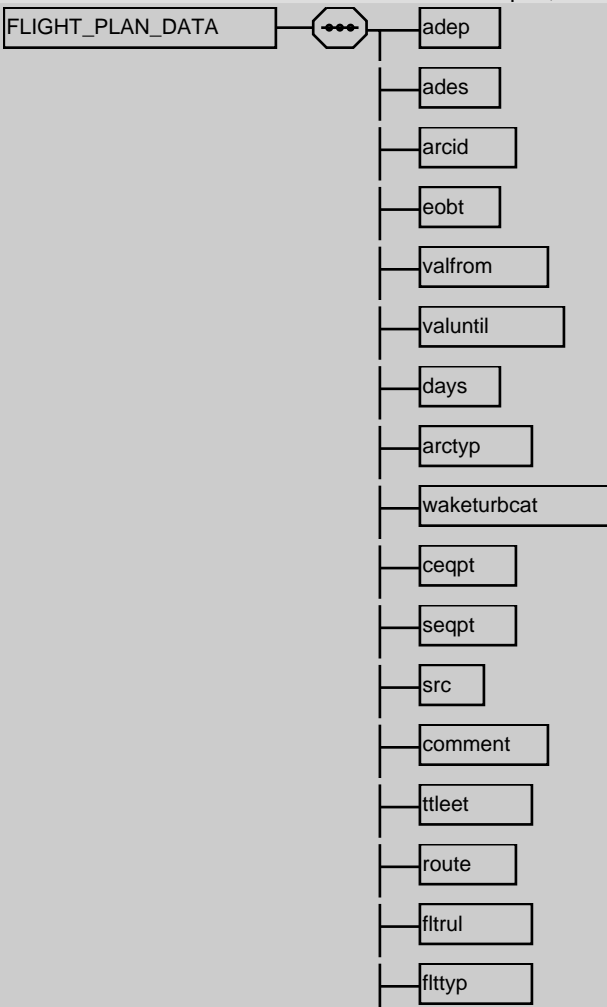
FILE_CREATION_DATE

BNF: `date`**DOC:** Value Definition:
Consistency Rules:**GRA:** **PAR:** `IFPS_RPL_DESTINATION_RECORD (153)``IFPS_RPL_SENDER_RECORD (159)``IFPS_RPL_TRAILER_RECORD (159)`

FILE_RECORD_COUNT

BNF: `7{ DIGIT }7`**DOC:** Detailed Definition: (1) The total number of records in the filesubmission.;
Value Definition:
Consistency Rules:**GRA:** **PAR:** `IFPS_RPL_TRAILER_RECORD (159)`

FLIGHT_PLAN_DATA

BNF: `adept + ades + arcid + eobt + valfrom + valuntil + days + arctyp + waketurbcat + ceqpt + seqpt + src + comment + ttleet + route + fltrul + flttyp + 0{ rif } + 0{ eetfir } + 0{ eetlat } + 0{ eetlong } + 0{ eetpt } + (com) + (opr) + (nav) + (dat) + (per) + (ralt) + (reg) + (rmk) + (rvr) + 0{ altnz }2 + (sel) + (sts) + (eur) + (pbn) + (sur) + (talt) + (dle) + (typz) + (depz) + (destz) + (spla) + (splc) + (spld) + (sple) + (splj) + (spln) + (splp) + (splr) + (spls) + 0{ geo } + 0{ ref } + 0{ rename }`**DOC:** Detailed Definition: Part of message describing the flight plan details of a repetitive flight inATS Data Exchange Presentation.;
Value Definition:
Consistency Rules: (1) Each one of the fields (except the last one) is followed by a CR in case this definition is part of ADEXP_IFPL_FILE_OUTPUT. (2) Field 'comment' contains a reference description of the source file. (3) Field 'src' always contains the value "RPL".**GRA:** 

0	inf	rif
0	inf	reetfir
0	inf	reetlat
0	inf	reetlong
0	inf	reetpt
-	-	com
-	-	opr
-	-	nav
-	-	dat
-	-	per
-	-	ralt
-	-	reg
-	-	rmk
-	-	rvr
0	2	altnz
-	-	sel
-	-	sts
-	-	eur
-	-	pbn
-	-	sur
-	-	talt
-	-	dle
-	-	typz
-	-	depz
-	-	destz
-	-	spla
-	-	splc
-	-	spld
-	-	sple
-	-	splj
-	-	spln



PAR: ADEXP_IFPL_FILE_OUTPUT (145)

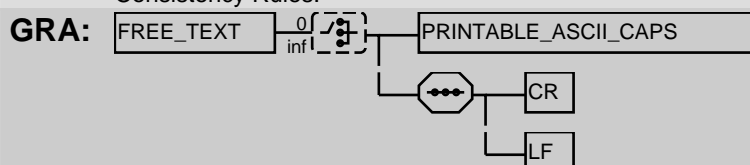
FREE_TEXT

BNF: 0{ [PRINTABLE_ASCII_CAPS | CR + LF] }

DOC: Detailed Definition: Field for specifying comments/remarks etc.;

Value Definition:

Consistency Rules:



PAR: RPL_ACK_MESSAGE (161) RPL_ACK_MESSAGE (161) RPL_ACK_MESSAGE (161)

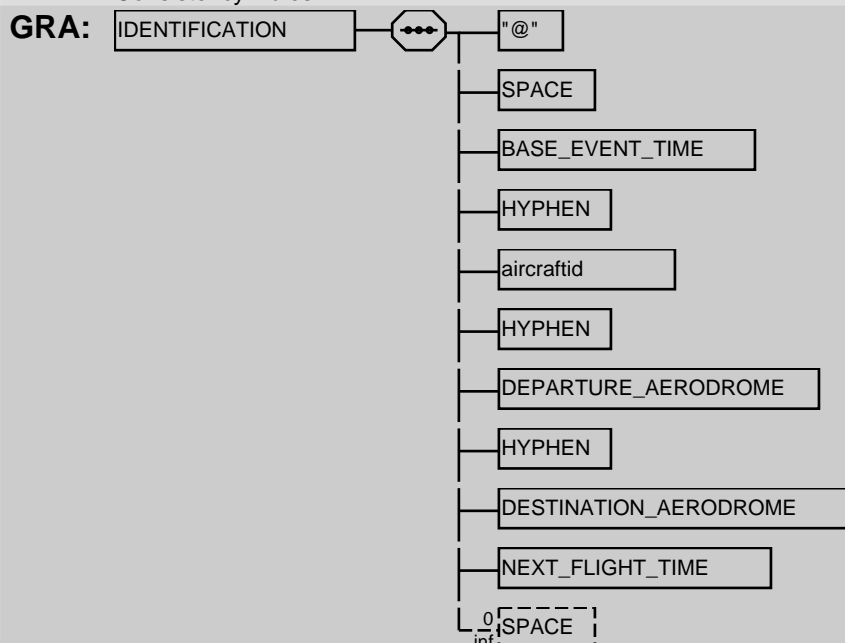
IDENTIFICATION

BNF: "@" + SPACE + BASE_EVENT_TIME + HYPHEN + aircraftid + HYPHEN + DEPARTURE_AERODROME + HYPHEN + DESTINATION_AERODROME + NEXT_FLIGHT_TIME + 0{ SPACE }

DOC: Detailed Definition: Identification of a repetitive flight;

Value Definition:

Consistency Rules:

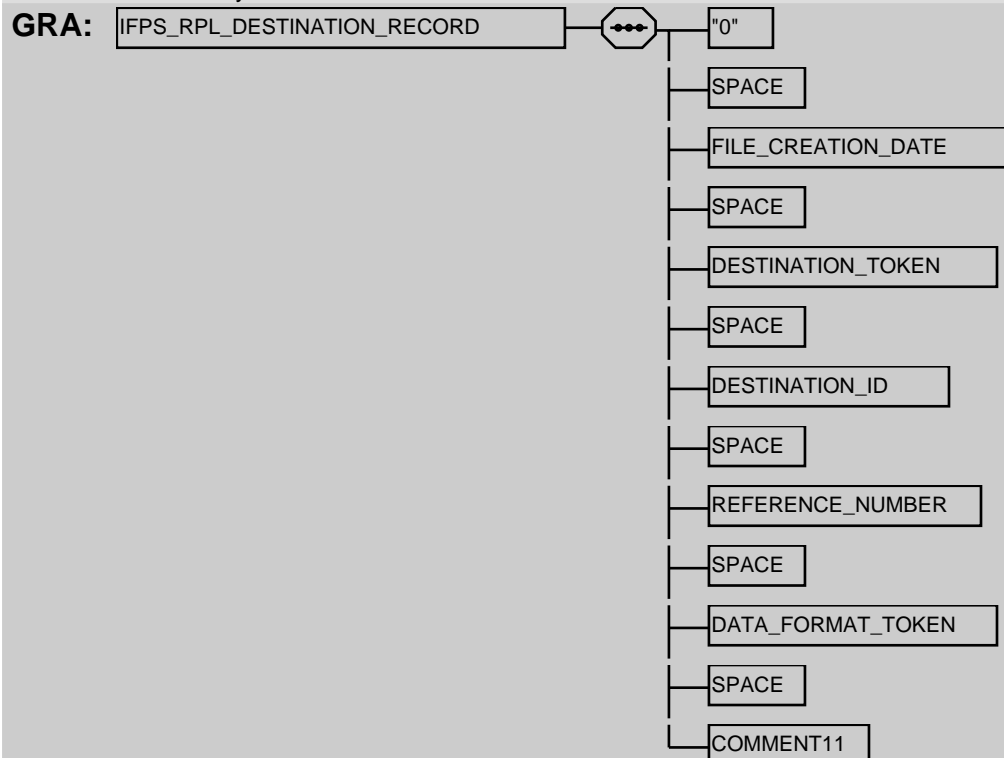


PAR: RECOVERY_FILE_OUTPUT (160)

IFPS_RPL_DESTINATION_RECORD

BNF: "0" + SPACE + FILE_CREATION_DATE + SPACE + DESTINATION_TOKEN + SPACE + DESTINATION_ID + SPACE + REFERENCE_NUMBER + SPACE + DATA_FORMAT_TOKEN + SPACE + COMMENT11

DOC: Detailed Definition: Record containing information on the destination of the IFPS RPL file.;
 Value Definition:
 Consistency Rules:

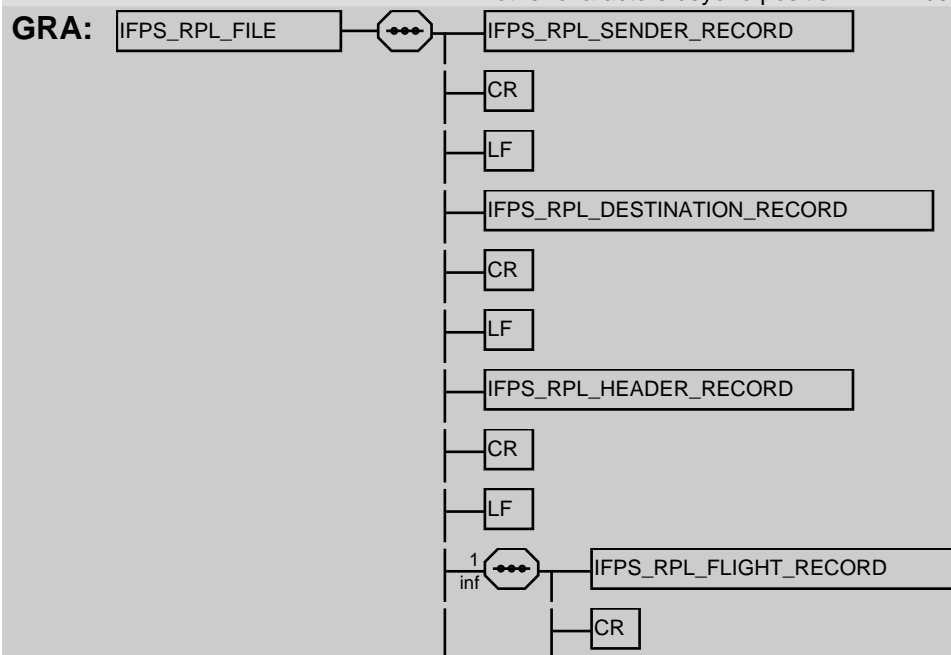


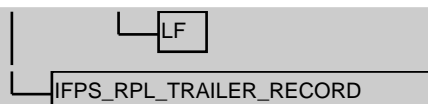
PAR: IFPS_RPL_FILE (154)

IFPS_RPL_FILE

BNF: IFPS_RPL_SENDER_RECORD + CR + LF + IFPS_RPL_DESTINATION_RECORD + CR + LF + IFPS_RPL_HEADER_RECORD + CR + LF + 1{ IFPS_RPL_FLIGHT_RECORD + CR + LF } + IFPS_RPL_TRAILER_RECORD

DOC: Detailed Definition: (1) An IFPS RPL fileformat, as accepted and output by IFPS/RPL. ;
 Value Definition:
 Consistency Rules: 1. Normally the records are up to 72 characters long and followed by a CR + LF. The records can be shortened if the subfields contain SPACE only. Any other characters beyond position 72 will be treated as an error.



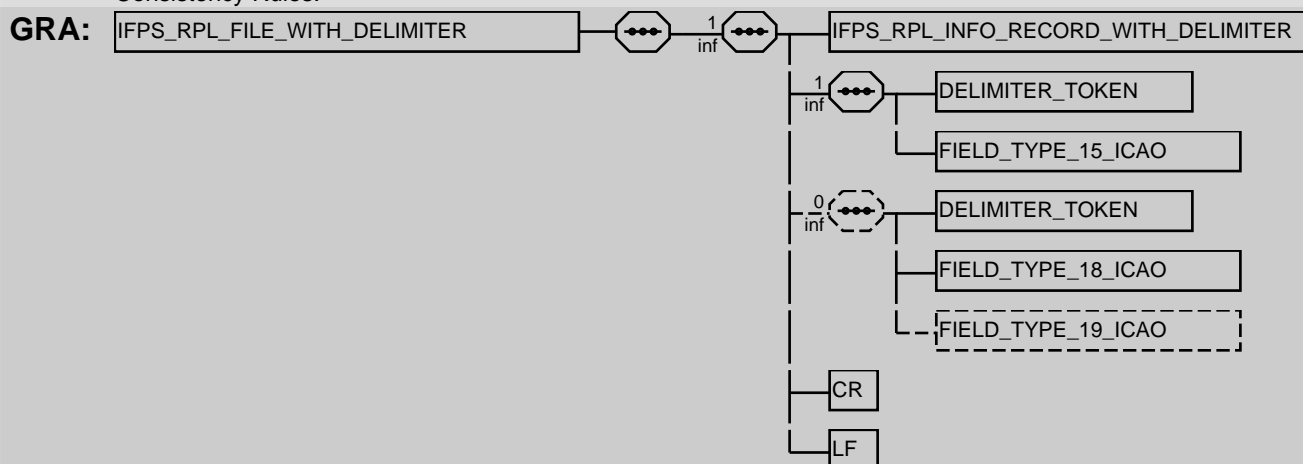


PAR: [EXT_TO_RPL](#) (16) | [RPL_BULK_OUTPUT](#) (162)

IFPS_RPL_FILE_WITH_DELIMITER

BNF: $1\{ \text{IFPS_RPL_INFO_RECORD_WITH_DELIMITER} + 1\{ \text{DELIMITER_TOKEN} + \text{FIELD_TYPE_15_ICAO} \} + 0\{ \text{DELIMITER_TOKEN} + \text{FIELD_TYPE_18_ICAO} + (\text{FIELD_TYPE_19_ICAO}) \} + \text{CR} + \text{LF} \}$

DOC: Detailed Definition: (1) An IFPS RPL fileformat with DELIMITER_TOKEN as fieldseparators. ;
Value Definition:
Consistency Rules:

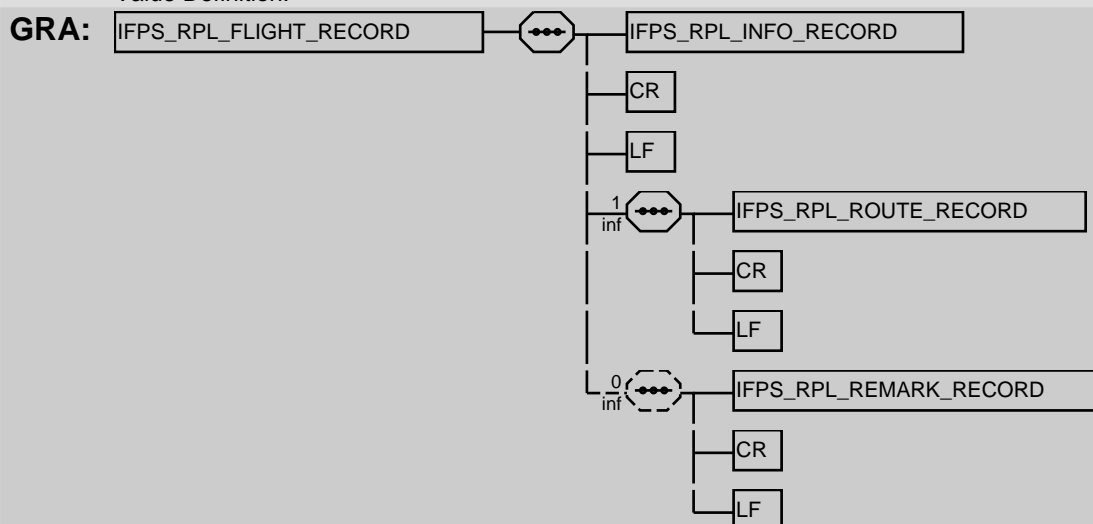


PAR: [RPL_BULK_OUTPUT](#) (162)

IFPS_RPL_FLIGHT_RECORD

BNF: $\text{IFPS_RPL_INFO_RECORD} + \text{CR} + \text{LF} + 1\{ \text{IFPS_RPL_ROUTE_RECORD} + \text{CR} + \text{LF} \} + 0\{ \text{IFPS_RPL_REMARK_RECORD} + \text{CR} + \text{LF} \}$

DOC: Detailed Definition: Collection of records containing all the data that describes an IFPS RPL;
Value Definition:



PAR: [IFPS_RPL_FILE](#) (154)

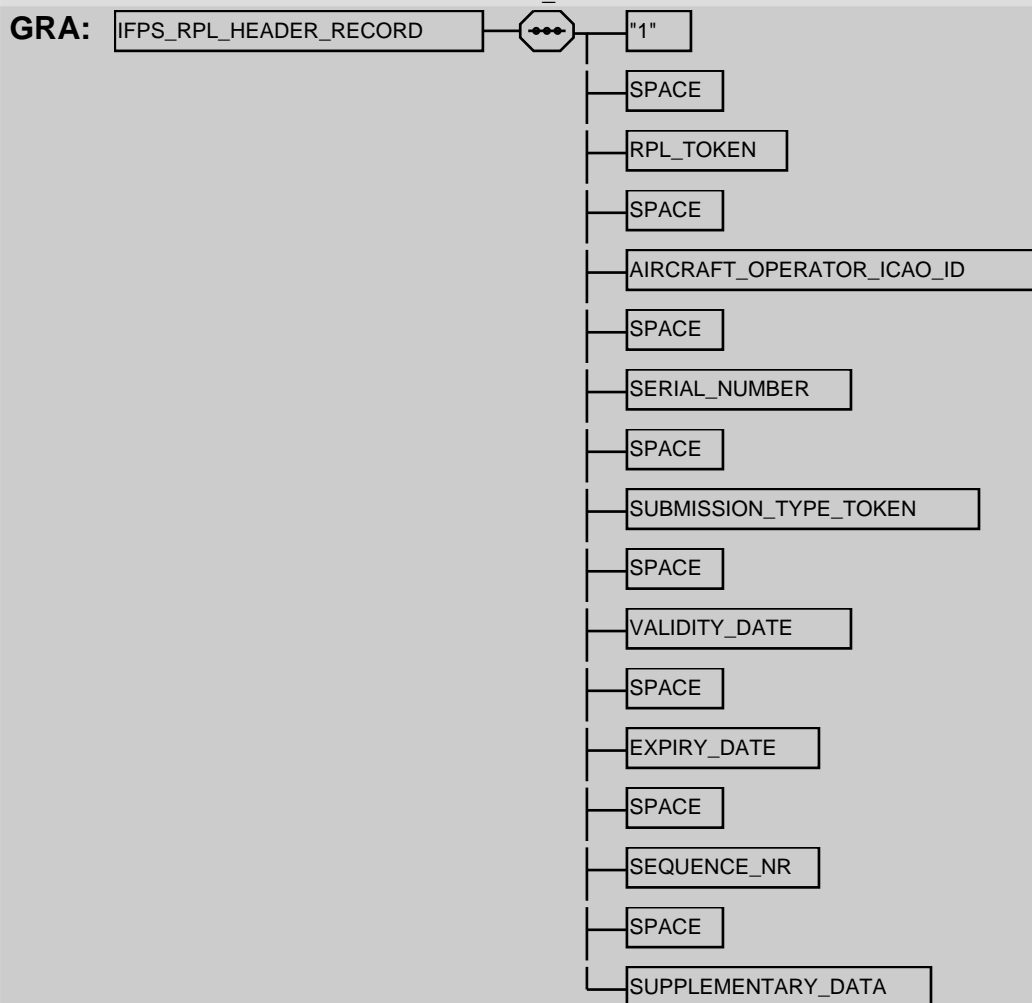
IFPS_RPL_HEADER_RECORD

BNF: $"1" + \text{SPACE} + \text{RPL_TOKEN} + \text{SPACE} + \text{AIRCRAFT_OPERATOR_ICAO_ID} + \text{SPACE} + \text{SERIAL_NUMBER} + \text{SPACE} + \text{SUBMISSION_TYPE_TOKEN} + \text{SPACE} + \text{VALIDITY_DATE} + \text{SPACE} + \text{EXPIRY_DATE} + \text{SPACE} + \text{SEQUENCE_NR} + \text{SPACE} + \text{SUPPLEMENTARY_DATA}$

DOC: Detailed Definition: Record containing AO, type of data and validity information regarding the IFPS_RPL_FLIGHT records that follow.;

Value Definition:
Consistency Rules:

On input: (1) Fields RPL_TOKEN, AIRCRAFT_OPERATOR_ICAO_ID, SERIAL_NUMBER, SEQUENCE_NUMBER and SUPPLEMENTARY_DATA are optional to the IFPS/RPL and can therefore also contain SPACES. On output: (1) Field SEQUENCE_NUMBER contains the bulk run identification. This is a number between "0001" and "9999", left justified with leading zeros. (2) Field SERIAL_NUMBER contains the year and month separated by a "-". This is the year and month in which this output was generated. (3) Fields VALIDITY_DATE and EXPIRY_DATE contain the period enclosing all validity periods of the RPLs in the generated output. If no generation period was specified then these will have the value "000000" for the VALIDITY_DATE and "UFN" for the EXPIRY_DATE. (4) Fields AIRCRAFT_OPERATOR_ICAO_ID and SUPPLEMENTARY_DATA are filled with SPACES. Positional description: 3..5 : RPL_TOKEN 7..9 : AIRCRAFT_OPERATOR_ICAO_ID 11..15 : SERIAL_NUMBER 17..20 : SUBMISSION_TYPE_TOKEN 22..27 : VALIDITY_DATE 29..34 : EXPIRY_DATE 36..39 : SEQUENCE_NUMBER 41..72 : SUPPLEMENTARY_DATA



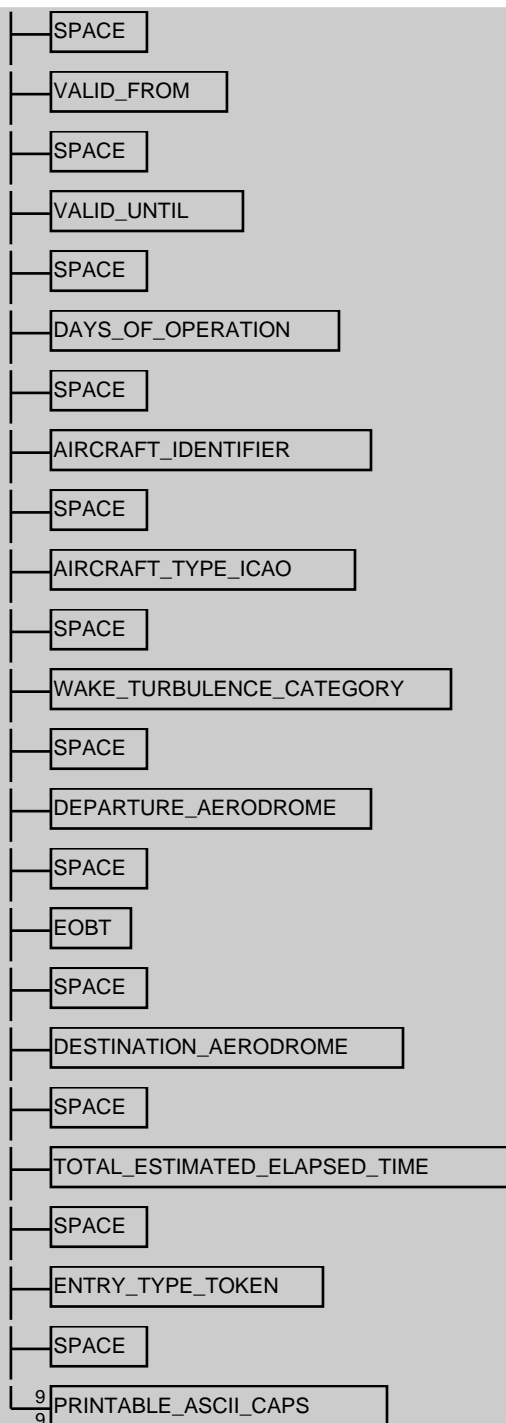
PAR: IFPS_RPL_FILE (154)

IFPS_RPL_INFO_RECORD

BNF: "2" + SPACE + VALID_FROM + SPACE + VALID_UNTIL + SPACE + DAYS_OF_OPERATION + SPACE + AIRCRAFT_IDENTIFIER + SPACE + AIRCRAFT_TYPE_ICAO + SPACE + WAKE_TURBULENCE_CATEGORY + SPACE + DEPARTURE_AERODROME + SPACE + EOBT + SPACE + DESTINATION_AERODROME + SPACE + TOTAL_ESTIMATED_ELAPSED_TIME + SPACE + ENTRY_TYPE_TOKEN + SPACE + 9{ PRINTABLE_ASCII_CAPS }

DOC: Detailed Definition: Record containing the identification of an IFPS RPL;
Value Definition:





PAR: [IFPS_RPL_FLIGHT_RECORD](#) (155)

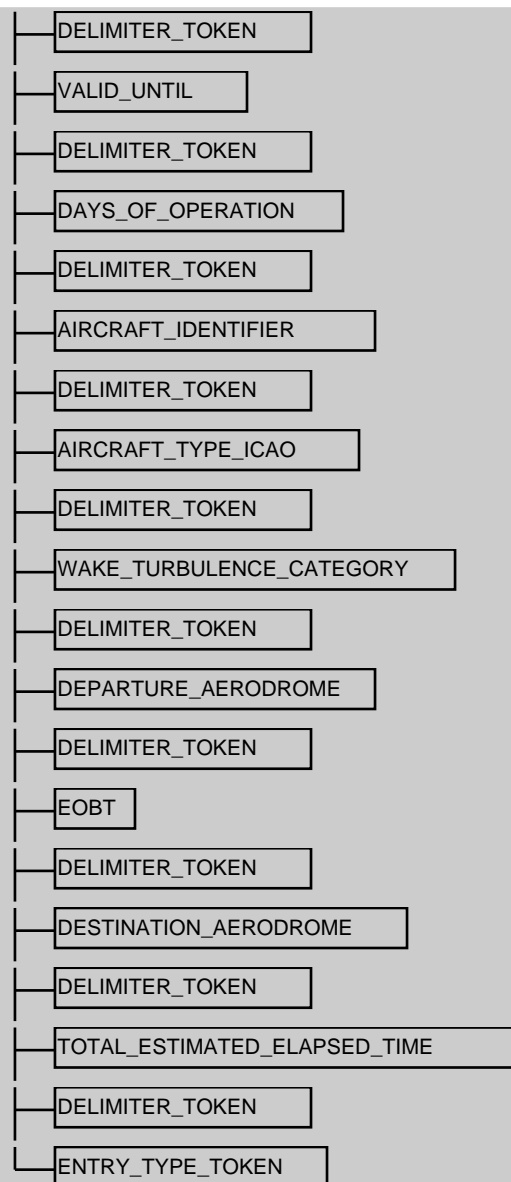
IFPS_RPL_INFO_RECORD_WITH_DELIMITER

BNF: [VALID_FROM](#) + [DELIMITER_TOKEN](#) + [VALID_UNTIL](#) + [DELIMITER_TOKEN](#) + [DAYS_OF_OPERATION](#) + [DELIMITER_TOKEN](#) + [AIRCRAFT_IDENTIFIER](#) + [DELIMITER_TOKEN](#) + [AIRCRAFT_TYPE_ICAO](#) + [DELIMITER_TOKEN](#) + [WAKE_TURBULENCE_CATEGORY](#) + [DELIMITER_TOKEN](#) + [DEPARTURE_AERODROME](#) + [DELIMITER_TOKEN](#) + [EOBT](#) + [DELIMITER_TOKEN](#) + [DESTINATION_AERODROME](#) + [DELIMITER_TOKEN](#) + [TOTAL_ESTIMATED_ELAPSED_TIME](#) + [DELIMITER_TOKEN](#) + [ENTRY_TYPE_TOKEN](#)

DOC: Detailed Definition: Record containing the identification of an IFPS RP using DELIMITER_TOKEN as field separators;

Value Definition:
Consistency Rules:

GRA: [IFPS_RPL_INFO_RECORD_WITH_DELIMITER](#) [VALID_FROM](#)

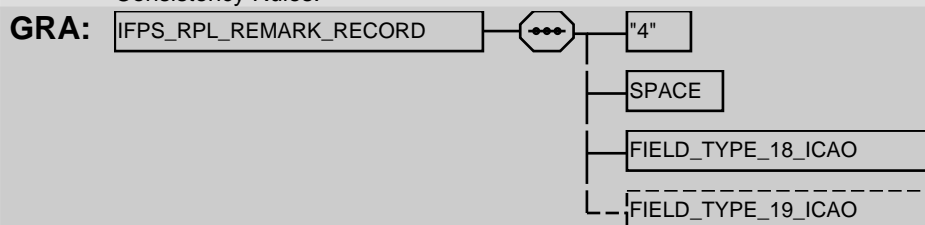


PAR: [IFPS_RPL_FILE_WITH_DELIMITER](#) (155)

IFPS_RPL_REMARK_RECORD

BNF: "4" + [SPACE](#) + [FIELD_TYPE_18_ICAO](#) + ([FIELD_TYPE_19_ICAO](#))

DOC: Detailed Definition: Record containing the ICAO field 18 and 19 information of an IFPS RPL.;
Value Definition:
Consistency Rules:



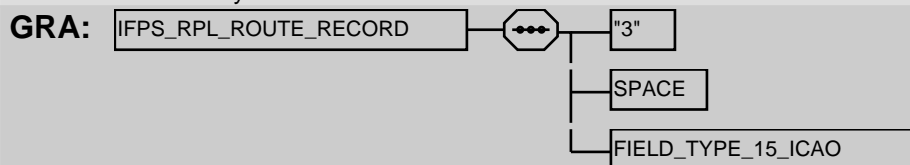
PAR: [IFPS_RPL_FLIGHT_RECORD](#) (155)

IFPS_RPL_ROUTE_RECORD

BNF: "3" + [SPACE](#) + [FIELD_TYPE_15_ICAO](#)

DOC: Detailed Definition: Record containing the ICAO field 15 (route) information of an IFPS RPL.;
Value Definition:

Consistency Rules:

**PAR:** IFPS_RPL_FLIGHT_RECORD (155)**IFPS_RPL_SENDER_RECORD**

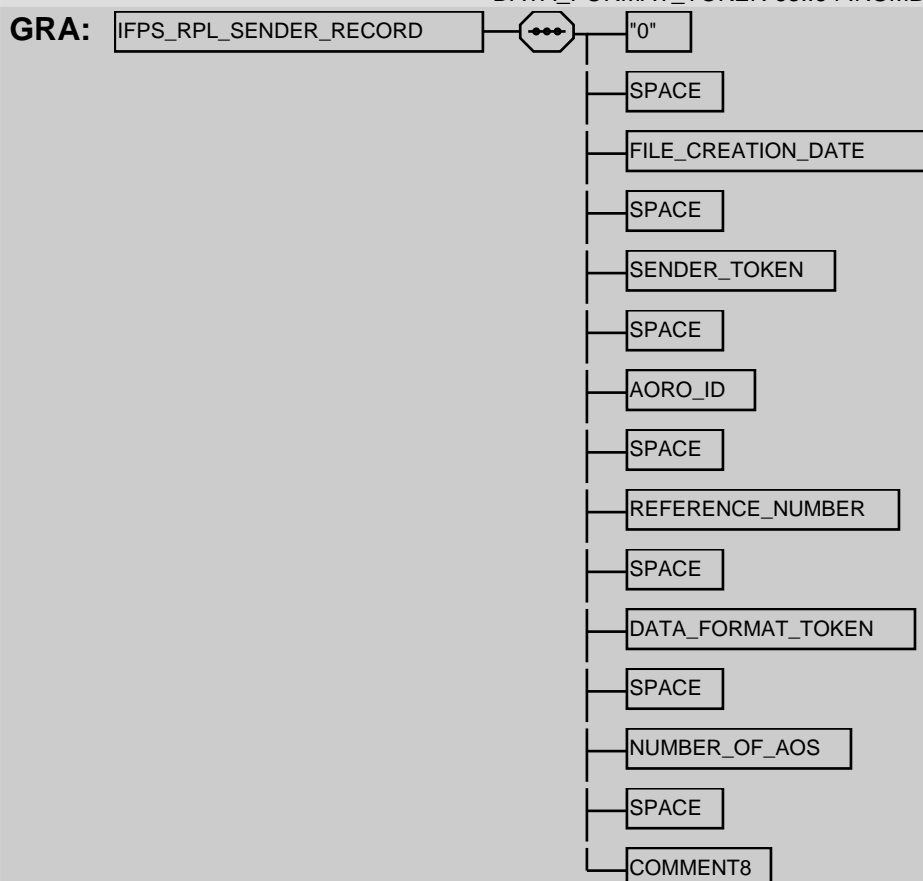
BNF: "0" + SPACE + FILE_CREATION_DATE + SPACE + SENDER_TOKEN + SPACE + AORO_ID + SPACE + REFERENCE_NUMBER + SPACE + DATA_FORMAT_TOKEN + SPACE + NUMBER_OF_AOS + SPACE + COMMENT8

DOC: Detailed Definition: Record containing information on the sender of the IFPS RPL file.;

Value Definition:

Consistency Rules:

On input: (1) The AORO_ID is allowed up to 20 ALPHANUMERIC_OR_SPACE. However, only the first 7 characters are used to check if the identifier is a known one to the IFPS/RPL. (2) Fields FILE_CREATION_DATE, SENDER_TOKEN, DATA_FORMAT_TOKEN, REFERENCE_NUMBER and NUMBER_OF_AOS are optional to the IFPS/RPL and can therefore also contain SPACES. On output: (1) Field AORO_ID will contain the IFPU identifier ("RPL_SYST"). (2) Field FILE_CREATION_DATE contains the date of generation of the file. (3) Field NUMBER_OF_AOS will contain the number of AOs whose RPLs are included (a value between "001" and "999" inclusive, "***" if 0). (4) Field DATA_FORMAT_TOKEN will contain the value "RPLBULK". Positional description: 3..8 : FILE_CREATION_DATE 10..14 : SENDER_TOKEN 16..35 : AORO_ID 37..52 : REFERENCE_NUMBER 54..60 : DATA_FORMAT_TOKEN 63..64 : NUMBER_OF_AOS 65..72 : COMMENT8

**PAR:** IFPS_RPL_FILE (154)**IFPS_RPL_TRAILER_RECORD**

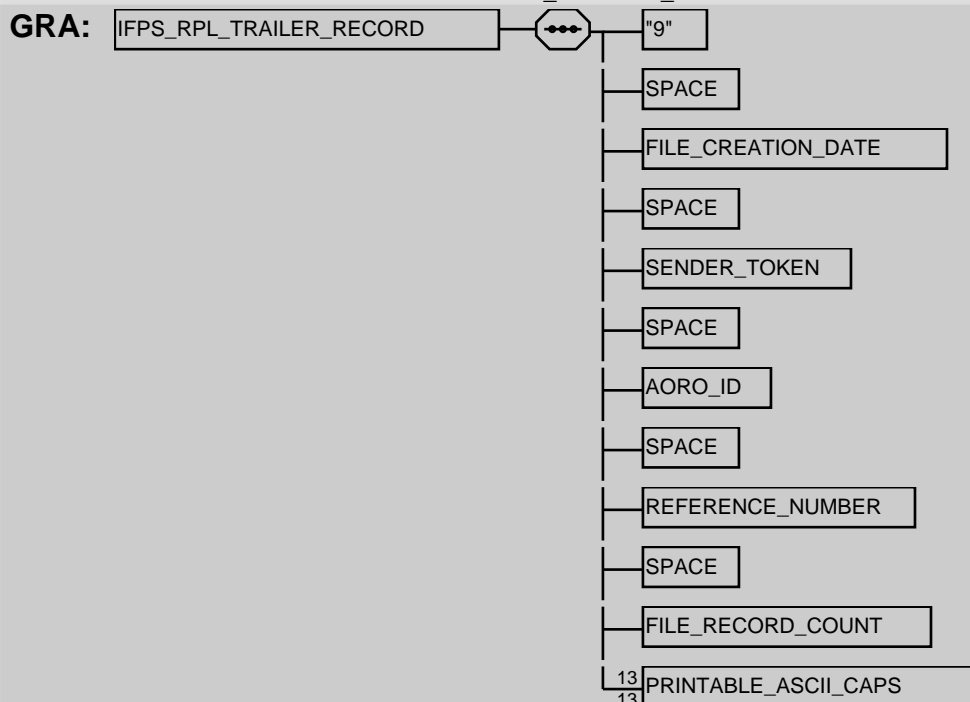
BNF: "9" + SPACE + FILE_CREATION_DATE + SPACE + SENDER_TOKEN + SPACE + AORO_ID + SPACE +

REFERENCE_NUMBER + **SPACE** + **FILE_RECORD_COUNT** + 13{ **PRINTABLE_ASCII_CAPS** }13

DOC: Detailed Definition: Record containing sender information and file record count of an IFPS RPL file.;

Value Definition:

Consistency Rules: On input: (1) Fields **FILE_CREATION_DATE**, **SENDER_TOKEN**, **AORO_ID** and **REFERENCE_NUMBER** are optional to the IFPS/RPL and can therefore also contain SPACES. On output: (1) Field **AORO_ID** will contain the IFPU identifier ("RPL_SYST"). On input/output: (1) The field **FILE_RECORD_COUNT** is left justified with leading zeros. Positional description: 3..8 : **FILE_CREATION_DATE** 10..14 : **SENDER_TOKEN** 16..35 : **AORO_ID** 37..52 : **REFERENCE_NUMBER** 54..59 : **FILE_RECORD_COUNT**



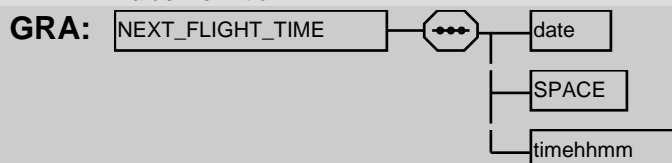
PAR: **IFPS_RPL_FILE** (154)

NEXT_FLIGHT_TIME

BNF: **date** + **SPACE** + **timehhmm**

DOC: Detailed Definition: Specifies the date and time of the next flight;

Value Definition:



PAR: **IDENTIFICATION** (153)

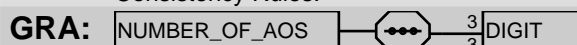
NUMBER_OF_AOS

BNF: 3{ **DIGIT** }3

DOC: Detailed Definition: (1) Number of AOs whose RPLs are included (output only).;

Value Definition:

Consistency Rules:



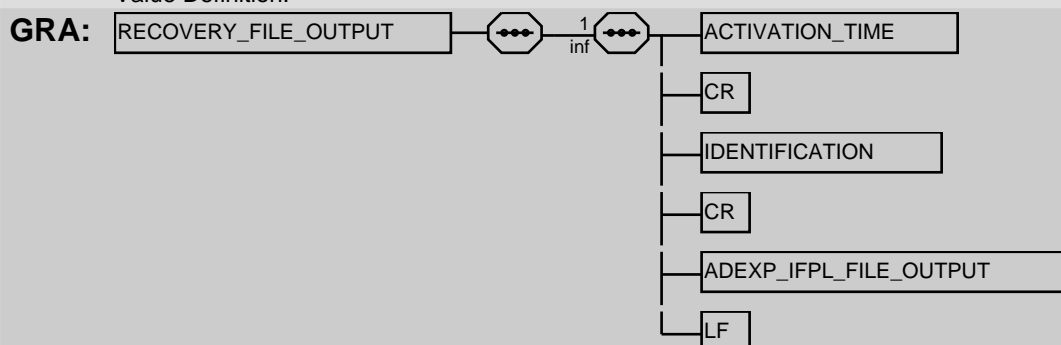
PAR: **IFPS_RPL_SENDER_RECORD** (159)

RECOVERY_FILE_OUTPUT

BNF: 1{ **ACTIVATION_TIME** + **CR** + **IDENTIFICATION** + **CR** + **ADEXP_IFPL_FILE_OUTPUT** + **LF** }

DOC: Detailed Definition: Recovery fileoutput, used to feed IFPLs to IFPS in contingency situations. (1) The files are identified by a filename with the following syntax: generation_date + '.RPL_IFPLS_' day_number generation_date ::= date day_number ::= 1 {DIGIT} (2) Normally three files (for the coming 3 days, day_number value '1', '2' and '3') will be generated. (3) Last generated file will be accessible for the ARC system by a link with the name 'RPL_RECOVERY_>day_number<';.

Value Definition:



PAR: [RPL_TO_IFPS](#) (19)

REFERENCE_NUMBER

BNF: 17{ [PRINTABLE_ASCII_CAPS](#) }17

DOC: Value Definition:
Consistency Rules:



PAR: [IFPS_RPL_DESTINATION_RECORD](#) (153) | [IFPS_RPL_SENDER_RECORD](#) (159) | [IFPS_RPL_TRAILER_RECORD](#) (159)

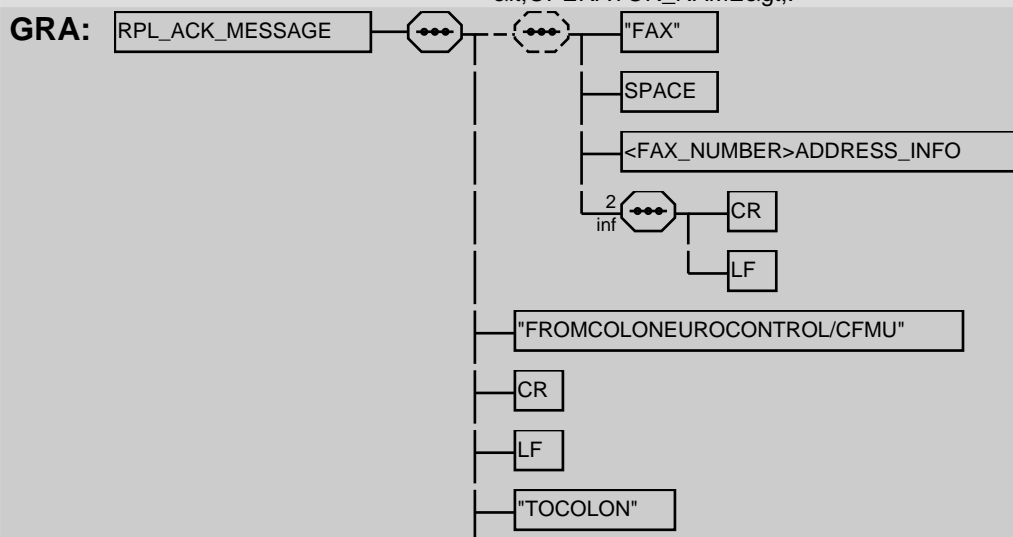
RPL_ACK_MESSAGE

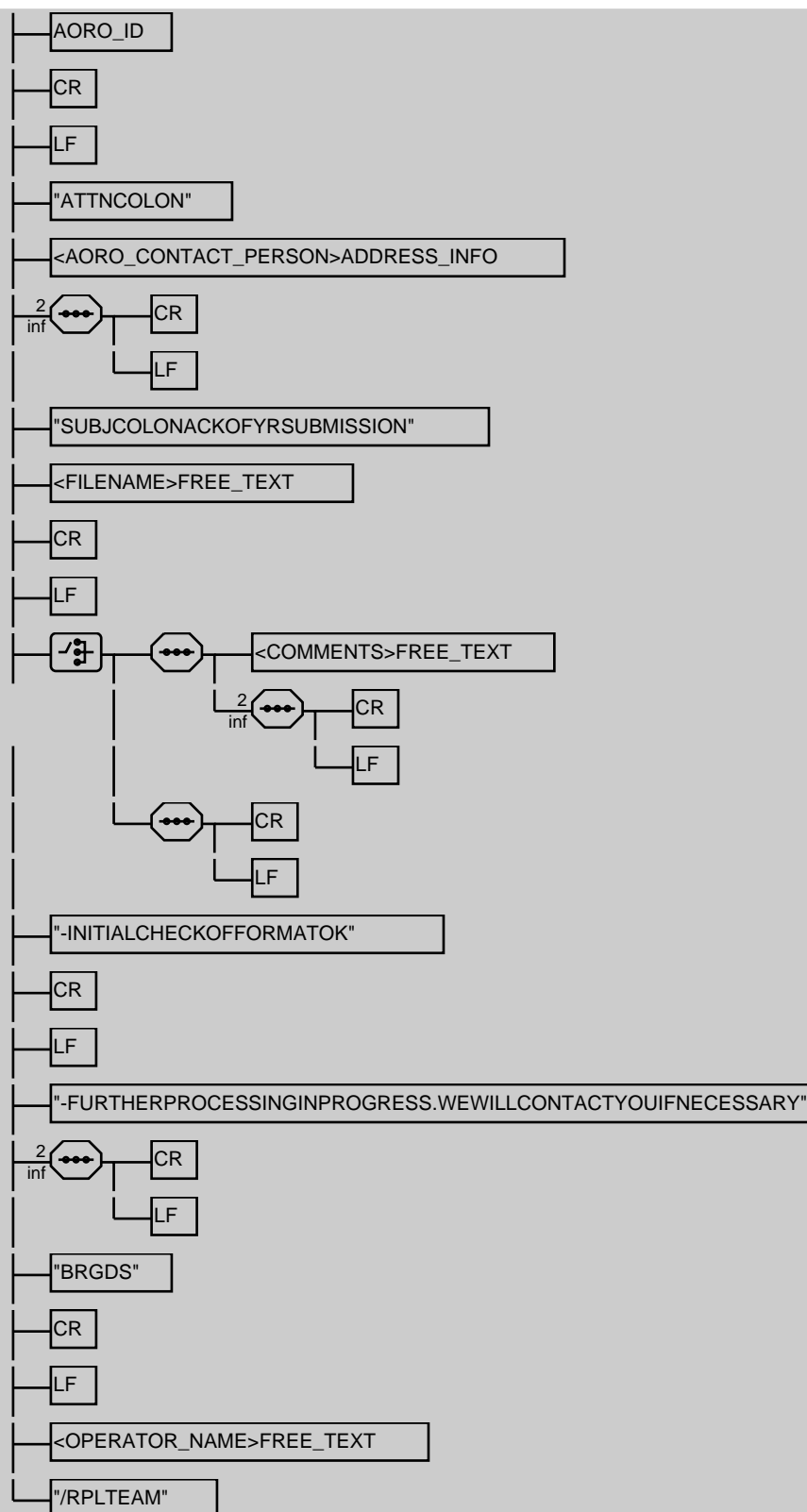
BNF: ("FAX" + [SPACE](#) + <FAX_NUMBER>[ADDRESS_INFO](#) + 2{ [CR](#) + [LF](#) }) + "FROMCOLONEUROCONTROL/CFMU" + [CR](#) + [LF](#) + "TOCOLON" + [AORO_ID](#) + [CR](#) + [LF](#) + "ATTN:" + <AORO_CONTACT_PERSON>[ADDRESS_INFO](#) + 2{ [CR](#) + [LF](#) } + "SUBJ:" + <SUBJ>[ADDRESS_INFO](#) + <FILENAME>[FREE_TEXT](#) + [CR](#) + [LF](#) + [<COMMENTS>[FREE_TEXT](#) + 2{ [CR](#) + [LF](#) } | [CR](#) + [LF](#)] + "-INITIALCHECKOFFFORMATOK" + [CR](#) + [LF](#) + "-FURTHERPROCESSINGINPROGRESS.WEWILLCONTACTYOUIFNECESSARY" + 2{ [CR](#) + [LF](#) } + "BRGDS" + [CR](#) + [LF](#) + <OPERATOR_NAME>[FREE_TEXT](#) + "/RPLTEAM"

DOC: Detailed Definition: (1) Acknowledgment message of reception and loading of a new RPL file submission;

Value Definition:

Consistency Rules: (1) Optional "FAX" line, only if no SITA address could be found. (2) The RPL FDO operator has to enter <COMMENTS> and <OPERATOR_NAME>.





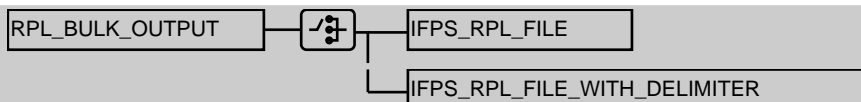
PAR: [RPL_TO_EXT](#) (18)

RPL_BULK_OUTPUT

BNF: [[IFPS_RPL_FILE](#) | [IFPS_RPL_FILE_WITH_DELIMITER](#)]

DOC: Detailed Definition: (1) The different types of RPL bulk output.;
Value Definition:
Consistency Rules:

GRA:



PAR: [RPL_TO_EXT](#) (18)

RPL_TOKEN

BNF: "RPL"

DOC: Detailed Definition: (1) The identifier of the text submission.;
Value Definition:
Consistency Rules:

GRA: RPL_TOKEN — "RPL"

PAR: [IFPS_RPL_HEADER_RECORD](#) (155)

SENDER_TOKEN

BNF: "SNDRCOLON"

DOC: Value Definition:
Consistency Rules:

GRA: SENDER_TOKEN — "SNDRCOLON"

PAR: [IFPS_RPL_SENDER_RECORD](#) (159) | [IFPS_RPL_TRAILER_RECORD](#) (159)

SEQUENCE_NR

BNF: 4{ [DIGIT](#) }4

DOC: Detailed Definition: (1) Indication of a sequence. ;
Value Definition:
Consistency Rules:

GRA: SEQUENCE_NR — 4 DIGIT

PAR: [IFPS_RPL_HEADER_RECORD](#) (155)

SERIAL_NUMBER

BNF: [year](#) + [HYPHEN](#) + 2{ [DIGIT](#) }2

DOC: Value Definition:
Consistency Rules:

GRA: SERIAL_NUMBER — year — HYPHEN — 2 DIGIT

PAR: [IFPS_RPL_HEADER_RECORD](#) (155)

SUBMISSION_TYPE_TOKEN

BNF: ["NLST" | "RLST"]

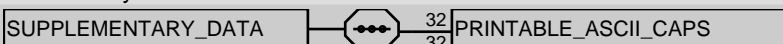
DOC: Detailed Definition: (1) Type of the filesubmission. "NLST" when the file represents a complete new file of flight plan data, or "RLST" when the file represents a complete revised listing by reference to a previous file.;
Value Definition:
Consistency Rules:

GRA: SUBMISSION_TYPE_TOKEN — "NLST" — "RLST"

PAR: [IFPS_RPL_HEADER_RECORD](#) (155)


SUPPLEMENTARY_DATA**BNF:** 32{ [PRINTABLE_ASCII_CAPS](#) }32

DOC: Detailed Definition: (1) The name of the contact where supplementary data are available.;
 Value Definition:
 Consistency Rules:

GRA: 

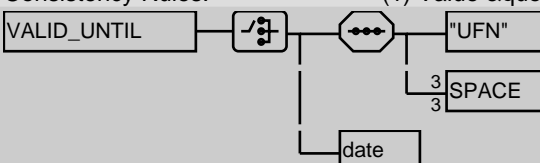
PAR: [IFPS_RPL_HEADER_RECORD](#) (155)**VALID_FROM****BNF:** [date](#)

DOC: Detailed Definition: (1) The first date upon which the flight is scheduled to operate.;
 Value Definition:
 Consistency Rules:

GRA: 

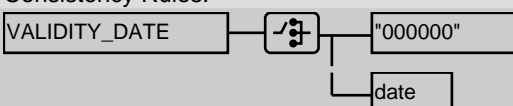
PAR: [IFPS_RPL_INFO_RECORD](#) (156) | [IFPS_RPL_INFO_RECORD_WITH_DELIMITER](#) (157)**VALID_UNTIL****BNF:** ["UFN" + 3{ [SPACE](#) }3 | [date](#)]

DOC: Detailed Definition: (1) Last date upon which the flight is scheduled to operate.;
 Value Definition:
 Consistency Rules: (1) Value "UFN" means unknown operation duration.

GRA: 

PAR: [IFPS_RPL_INFO_RECORD](#) (156) | [IFPS_RPL_INFO_RECORD_WITH_DELIMITER](#) (157)**VALIDITY_DATE****BNF:** ["000000" | [date](#)]

DOC: Detailed Definition: (1) The date upon which this file submission is to replace the previous submission.;
 Value Definition:
 Consistency Rules:

GRA: 

PAR: [IFPS_RPL_HEADER_RECORD](#) (155)

REROUTE messages

Introduction

- (1) This chapter describes the messages that can be exchanged between IFPS and TACT whenever a change in the route of a flight plan message (rerouting) is requested by TACT.
- (2) The message exchange takes place in the form of TACT queries and corresponding IFPS replies. The purpose of this exchange is the checking by IFPS of a new proposed route for a filed flight plan, the construction of valid flight plan messages which include the new proposed route, and the subsequent submission of these messages to IFPS processing.
- (3) The reroute messages are in binary format which is decoded by IFPS and TACT software. The following detailed data description is a logical description of the information exchanged and not an exact representation of the physical layout of the data in the messages.

Messages

REROUTE_CHECK_MESSAGE

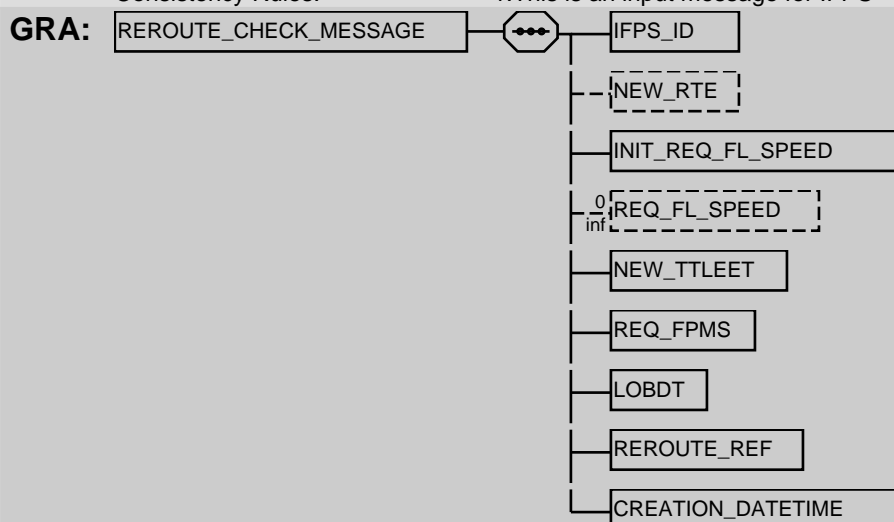
BNF: IFPS_ID + (NEW_RTE) + INIT_REQ_FL_SPEED + 0{ REQ_FL_SPEED } + NEW_TTLEET + REQ_FPMS + LOBDT + REROUTE_REF + CREATION_DATETIME

DOC: Detailed Definition: a message originated from TACT which requests IFPS to check a proposal for rerouting a flight;

Value Definition:

Consistency Rules:

1.This is an input message for IFPS



PAR: TACT_TO_IFPS (19)

REROUTE_REPLY_MESSAGE

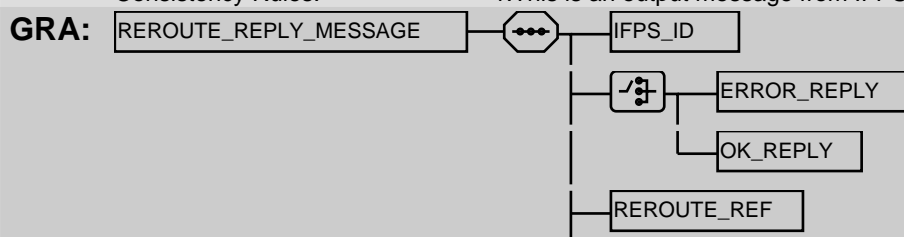
BNF: IFPS_ID + [ERROR_REPLY | OK_REPLY] + REROUTE_REF + CREATION_DATETIME

DOC: Detailed Definition: a message sent by IFPS to TACT as a reply to a REROUTE_CHECK or a REROUTE_SUBMIT message;

Value Definition:

Consistency Rules:

1.This is an output message from IFPS



CREATION_DATETIME

PAR: [IFPS_TO_TACT](#) (18)

REROUTE_SUBMIT_MESSAGE

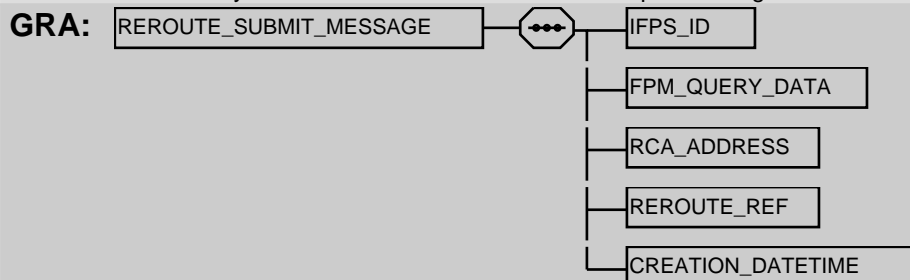
BNF: [IFPS_ID](#) + [FPM_QUERY_DATA](#) + [RCA_ADDRESS](#) + [REROUTE_REF](#) + [CREATION_DATETIME](#)

DOC: Detailed Definition: a message originated from TACT which requests IFPS to apply the rerouting proposal for a flight;

Value Definition:

Consistency Rules:

1.This is an input message to IFPS



PAR: [TACT_TO_IFPS](#) (19)

Elements

AOWIR_REFID

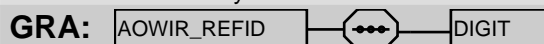
BNF: [DIGIT](#)

DOC: Detailed Definition: Aircraft Operator What-If rerouting reference;

Value Definition:

Consistency Rules:

1.For CFMU 5.0 the value for DIGIT can only be 1.



PAR: [AWR](#) (166) | [REROUTE_REF](#) (170)

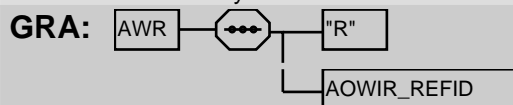
AWR

BNF: "R" + [AOWIR_REFID](#)

DOC: Detailed Definition: AO What-If rerouting reference in a flight plan or associated message;

Value Definition:

Consistency Rules:



PAR: [awr](#) (86) | [FIELD_TYPE_18_ICAO](#) (32) | [MSG_FLT_RECORD](#) (198)

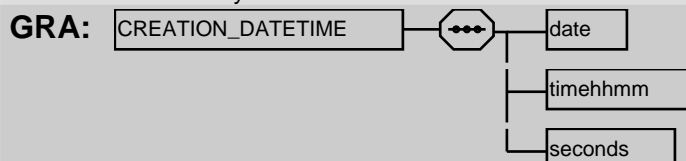
CREATION_DATETIME

BNF: [date](#) + [timehhmm](#) + [seconds](#)

DOC: Detailed Definition: creation time stamp for REROUTE messages;

Value Definition:

Consistency Rules:



PAR: [REROUTE_CHECK_MESSAGE](#) (165) | [REROUTE_REPLY_MESSAGE](#) (165) | [REROUTE_SUBMIT_MESSAGE](#) (166)

ERROR_DATA**BNF:** 1{ LIM_CHAR }120

DOC: Detailed Definition: Description of an error resulting from the IFPS processing of a REROUTE_CHECK_MESSAGE or a REROUTE_REPLY_MESSAGE;

Value Definition:

Consistency Rules:

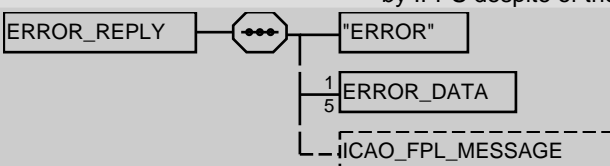
GRA: **PAR:** ERROR_REPLY (167)**ERROR_REPLY****BNF:** "ERROR" + 1{ ERROR_DATA }5 + (ICAO_FPL_MESSAGE)

DOC: Detailed Definition: Indicates an erroneous status resulting from the IFPS processing of a REROUTE_CHECK_MESSAGE or a REROUTE_REPLY_MESSAGE;

Value Definition:

Consistency Rules:

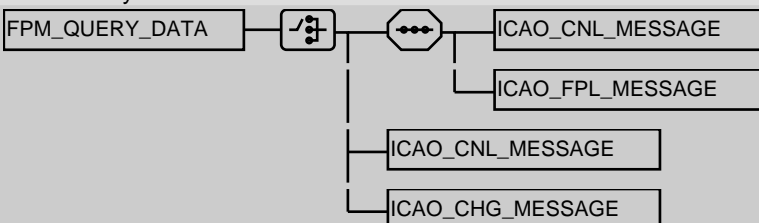
1. ICAO_FPL_MESSAGE option is possible only in the context of a reply to a REROUTE_CHECK_MESSAGE. In this context it is present, if it can be built by IFPS despite of the discovered errors

GRA: **PAR:** REROUTE_REPLY_MESSAGE (165)**FPM_QUERY_DATA****BNF:** [ICAO_CNL_MESSAGE + ICAO_FPL_MESSAGE | ICAO_CNL_MESSAGE | ICAO_CHG_MESSAGE]

DOC: Detailed Definition: flight plan and/or associated messages that can be included in a REROUTE_SUBMIT message;

Value Definition:

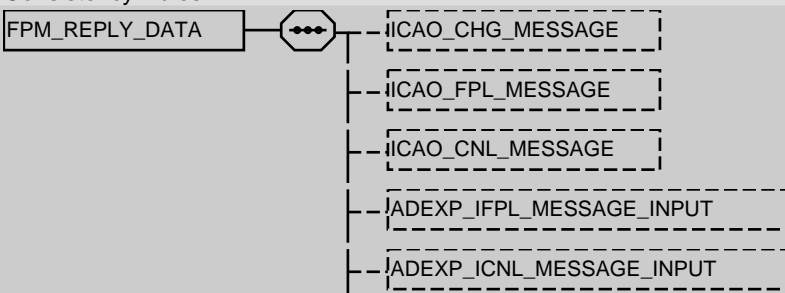
Consistency Rules:

GRA: **PAR:** REROUTE_SUBMIT_MESSAGE (166)**FPM_REPLY_DATA****BNF:** (ICAO_CHG_MESSAGE) + (ICAO_FPL_MESSAGE) + (ICAO_CNL_MESSAGE) + (ADEXP_IFPL_MESSAGE_INPUT) + (ADEXP_ICNL_MESSAGE_INPUT) + (ADEXP_ICHG_MESSAGE_INPUT)

DOC: Detailed Definition: flight plan and/or associated messages that can be included in a REROUTE_REPLY message;

Value Definition:

Consistency Rules:

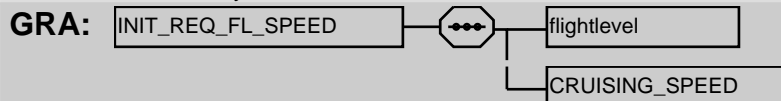
GRA: 

L - JADEXP_ICHG_MESSAGE_INPUT

PAR: OK_CHECK_REPLY (169)**INIT_REQ_FL_SPEED****BNF:** flightlevel + CRUISING_SPEED**DOC:** Detailed Definition: initialrequested flight level and cruising speed;

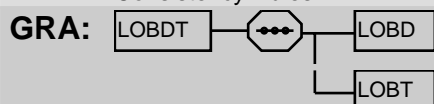
Value Definition:

Consistency Rules:

**PAR:** REROUTE_CHECK_MESSAGE (165)**LOBDT****BNF:** LOBD + LOBT**DOC:** Detailed Definition: Last estimated of block date and time;

Value Definition:

Consistency Rules:

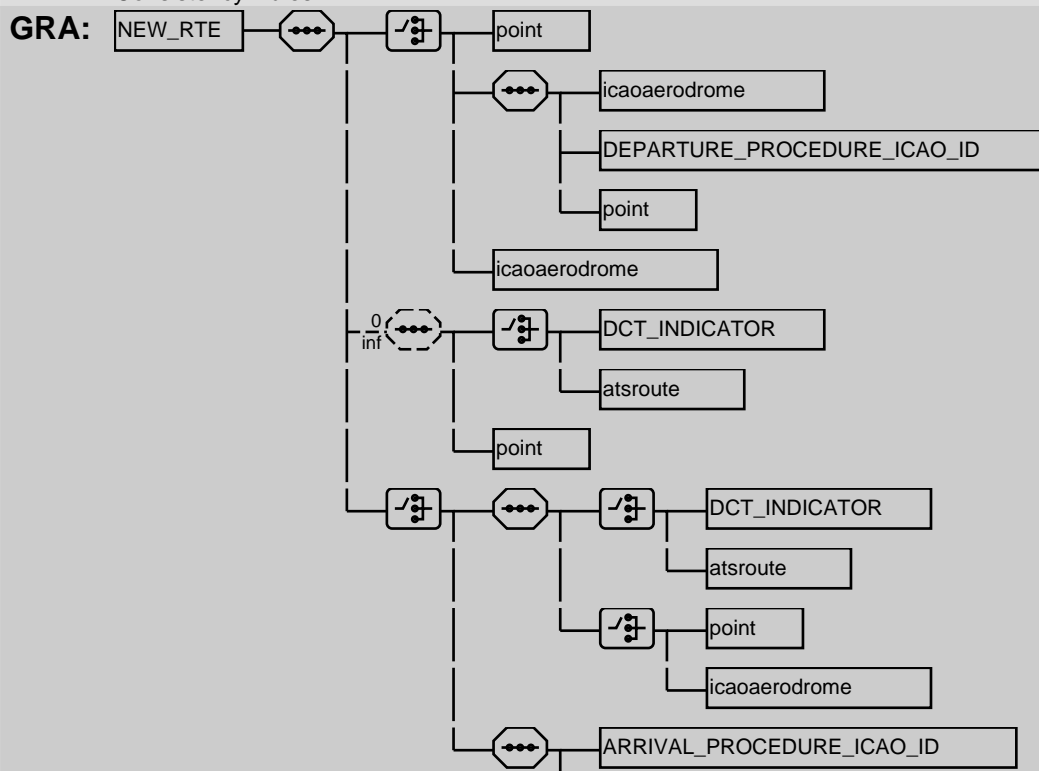
**PAR:** REROUTE_CHECK_MESSAGE (165)**NEW_RTE**

BNF: [point | icao aerodrome + DEPARTURE_PROCEDURE_ICAO_ID + point | icao aerodrome] + 0 { [DCT_INDICATOR | atsroute] + point } + [[DCT_INDICATOR | atsroute] + [point | icao aerodrome] | ARRIVAL_PROCEDURE_ICAO_ID + icao aerodrome]

DOC: Detailed Definition: complete or partial flightplan route which is subject to a reroute check by IFPS;

Value Definition:

Consistency Rules:



icao_aerodrome

PAR: REROUTE_CHECK_MESSAGE (165)

NEW_TTLEET

BNF: timehhmm_elapsed

DOC: Detailed Definition: new total estimated elapsed time as calculated by TACT;

Value Definition:

Consistency Rules:

GRA: NEW_TTLEET — timehhmm_elapsed

PAR: REROUTE_CHECK_MESSAGE (165)

OK_CHECK_REPLY

BNF: <OLD>ROUTE_ICAO + <NEW>ROUTE_ICAO + FPM_REPLY_DATA

DOC: Detailed Definition: Old and modified flightplan route and flight plan messages, built as a reply to a REROUTE_CHECK_MESSAGE;

Value Definition:

Consistency Rules:

GRA: OK_CHECK_REPLY — <OLD>ROUTE_ICAO
OK_CHECK_REPLY — <NEW>ROUTE_ICAO
OK_CHECK_REPLY — FPM_REPLY_DATA

PAR: OK_REPLY (169)

OK_REPLY

BNF: "OK" + (OK_CHECK_REPLY)

DOC: Detailed Definition: Correct status resulting from the IFPS processing of a REROUTE_CHECK_MESSAGE or a REROUTE_REPLY_MESSAGE;

Value Definition:

Consistency Rules: 1.OK_CHECK_REPLY option is only possible in the context of a reply to a REROUTE_CHECK_MESSAGE

GRA: OK_REPLY — "OK"
OK_REPLY — OK_CHECK_REPLY

PAR: REROUTE_REPLY_MESSAGE (165)

RCA_ADDRESS

BNF: NETWORK_TYPE + ADDRESS_DATA

DOC: Detailed Definition: address associated with the CFMU terminal (RCA) that submitted the rerouting request;

Value Definition:

Consistency Rules:

GRA: RCA_ADDRESS — NETWORK_TYPE
RCA_ADDRESS — ADDRESS_DATA

PAR: REROUTE_SUBMIT_MESSAGE (166)

REQ_FL_SPEED

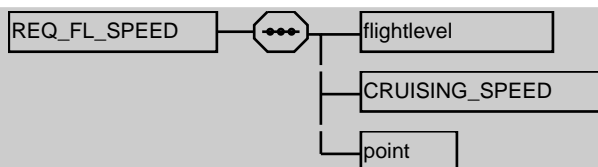
BNF: flightlevel + CRUISING_SPEED + point

DOC: Detailed Definition: requested flight level and cruising speed above the specified point;

Value Definition:

Consistency Rules:

GRA:



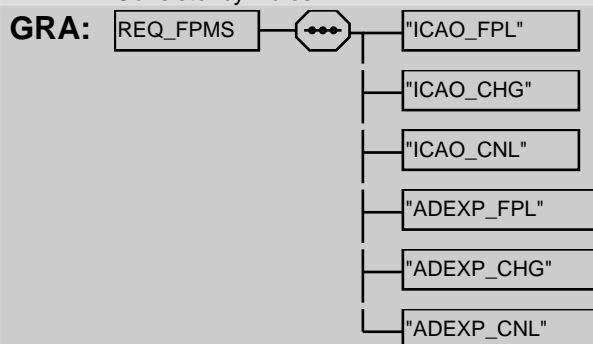
PAR: [REROUTE_CHECK_MESSAGE](#) (165)

REQ_FPMS

BNF: ("ICAO_FPL") + ("ICAO_CHG") + ("ICAO_CNL") + ("ADEXP_FPL") + ("ADEXP_CHG") + ("ADEXP_CNL")

DOC: Detailed Definition: Requested type and format (ICAO or ADEXP) of flight plan or associated message that IFPS must generate and include in the REROUTE_REPLY_MESSAGE to TACT.;

Value Definition:
Consistency Rules:

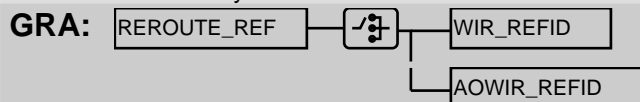


PAR: [REROUTE_CHECK_MESSAGE](#) (165)

REROUTE_REF

BNF: [[WIR_REFID](#) | [AOWIR_REFID](#)]

DOC: Detailed Definition: A general reference field depending on the type of rerouting;
Value Definition:
Consistency Rules:



PAR: [REROUTE_CHECK_MESSAGE](#) (165) | [REROUTE_REPLY_MESSAGE](#) (165) | [REROUTE_SUBMIT_MESSAGE](#) (166)

ROUTE_ICAO

BNF: 1{ [LIM_CHAR](#) }1024

DOC: Detailed Definition: description of an ICAO route used in the context of REROUTE related messages;

Value Definition:
Consistency Rules:

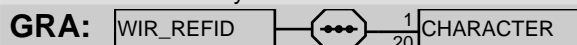


PAR: [OK_CHECK_REPLY](#) (169) | [OK_CHECK_REPLY](#) (169)

WIR_REFID

BNF: 1{ [CHARACTER](#) }20

DOC: Detailed Definition: Rerouting reference for TACT rerouting;
Value Definition:
Consistency Rules:



PAR: [REROUTE_REF](#) (170)

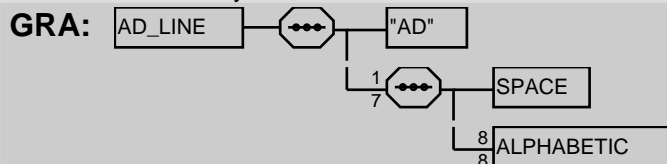
Global data elements

AD_LINE

BNF: "AD" + 1{ SPACE + 8{ ALPHABETIC }8 }7

DOC: Detailed Definition: (1) Describes a series of additional addresses. Each one of the of the 8 ALPHABETIC character groups is an AFTN address.

Value Definition:
Consistency Rules:



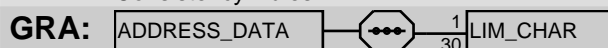
PAR: EXT_TO_IFPS (16)

ADDRESS_DATA

BNF: 1{ LIM_CHAR }30

DOC: Detailed Definition: address data part of a network address;

Value Definition:
Consistency Rules:



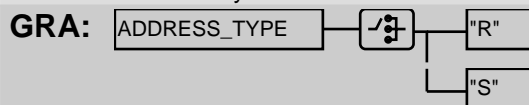
PAR: fac (99) | RCA_ADDRESS (169) | IFPS_EVT_RECORD (193) | MSG_HAS_ADDR_RECORD (200)

ADDRESS_TYPE

BNF: ["R" | "S"]

DOC: Detailed Definition: Indication of whether it is a sender or a receiver address.;
Value Definition: R : Receiver address (message sent by IFPS), S: Sender address (message received by IFPS);

Consistency Rules:



PAR: MSG_HAS_ADDR_RECORD (200)

AERODROME_AFIL

BNF: "AFIL"

DOC: Detailed Definition: A literal indicating that the aerodrome was not specified because the FPL was filed when the aircraft was in the air.;

Value Definition:

Consistency Rules:

Auto Correction Rules: When input by IFPS allspaces found are ignored.



PAR: DEPARTURE_AERODROME (182)

AERODROME_ZZZZ

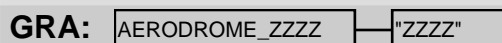
BNF: "ZZZZ"

DOC: Detailed Definition: (1)A literal indicating that the aerodrome has no ICAO name.;

Value Definition:

Consistency Rules:

Auto Correction Rules: When input by IFPS allspaces found are ignored.



PAR: [ALTERNATE_AERODROME](#) (174) | [ARRIVAL_AERODROME](#) (175) | [DEPARTURE_AERODROME](#) (182) | [DESTINATION_AERODROME](#) (183)

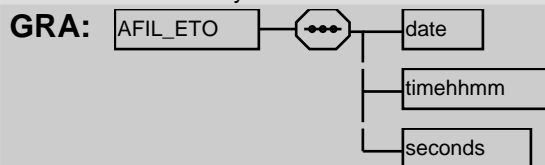
AFIL_ETO

BNF: [date](#) + [timehhmm](#) + [seconds](#)

DOC: Detailed Definition: (1) For an AFIL flight plan, the estimated date-time over the point at which the flight has been cleared to join controlled airspace.;

Value Definition:

Consistency Rules:



PAR: [MSG_FLT_RECORD](#) (198)

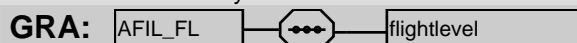
AFIL_FL

BNF: [flightlevel](#)

DOC: Detailed Definition: (1) For an AFIL flight plan, the flight level at which the flight has been cleared to join controlled airspace. It need not be the same as the RFL. ;

Value Definition:

Consistency Rules:



PAR: [MSG_FLT_RECORD](#) (198)

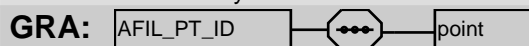
AFIL_PT_ID

BNF: [point](#)

DOC: Detailed Definition: (1) For an AFIL flight plan, the point id of the point over which the flight has been cleared to join controlled airspace.;

Value Definition:

Consistency Rules:



PAR: [MSG_FLT_RECORD](#) (198)

AIRCRAFT_TYPE_ICAO

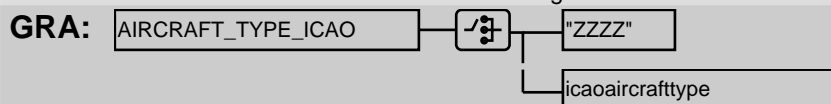
BNF: ["ZZZZ" | [icaoaircrafttype](#)]

DOC: Detailed Definition: 1) Civilian or military ICAO designator of a type of aircraft;

Value Definition:

Consistency Rules:

1) icaoaircrafttype is the appropriate designator chosen from ICAO doc 8643.
2) ZZZZ if there is no designator or if there is more than one type of aircraft in the flight.



PAR: [FIELD_TYPE_9_ICAO](#) (39) | [IFPS_RPL_INFO_RECORD](#) (156) | [IFPS_RPL_INFO_RECORD_WITH_DELIMITER](#) (157) | [MSG_FLT_RECORD](#) (198) | [\\$AFA_MATCHED_FLIGHT](#) (214) | [\\$AFA_SELECTION_CRITERIA](#) (215) | [\\$AFA_EXEMPTION_CRITERIA](#) (214)

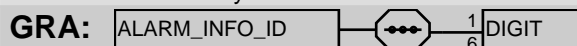
ALARM_INFO_ID

BNF: 1{ [DIGIT](#) }6

DOC: Detailed Definition: Unique reference to an Alarm. System generated. Not used outside CFMU;

Value Definition:

Consistency Rules:



PAR: [SAFA_ALARM_INFO](#) (211) [\\$SAFA_EXEMPTION_CRITERIA](#) (214)

ALARM_LEVEL

BNF: 1{ [LIM_CHAR](#) }40

DOC: Detailed Definition: The Alarm Level is used to tailor the generated Alert messages;
Value Definition: • EC_BLACKLIST_ALERT • EC_SAFA_PRIORITY_WARNING •
EC_SAFA_WARNING • INFORMATION

Consistency Rules:

GRA:

PAR: [SAFA_ALARM_INFO](#) (211)

ALERT_MESSAGE

BNF: [RECIPIENTS](#) + ([MAIL_SUBJECT](#)) + [MESSAGE_BODY](#)

DOC: Detailed Definition: The transmitted SAFA Alert message, including text and Recipients ;
Value Definition:
Consistency Rules: 1° The values are comma separated; 2° For optional fields, it's the value that is optional, not the comma (usual CSV convention). 3° MAIL_SUBJECT only present for a mail message.

GRA:

PAR: [SAFA_EVT_RECORD](#) (213)

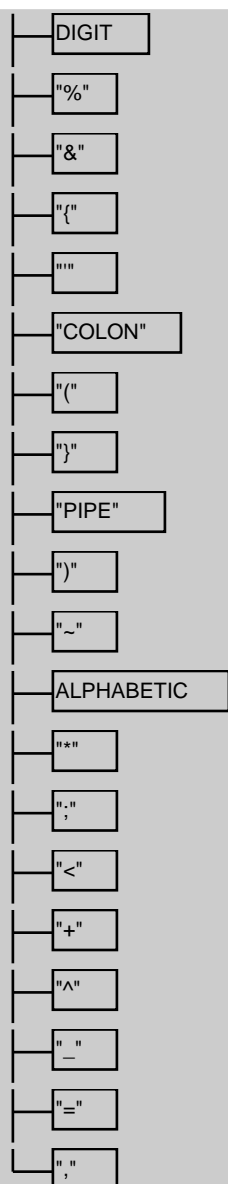
ALPHANUMERIC

BNF: [">" | "-" | "R_BRACKET" | "`" | "?" | "." | "@" | "/" | "" | "L_BRACKET" | "!" | "#" | "\$" | [DIGIT](#) | "%" | "&" | "{" | "" | "COLON" | "(" | ")" | "PIPE" | "~" | [ALPHABETIC](#) | "*" | ";" | "<" | "+" | "^" | "_" | "=" | ","]

DOC: Detailed Definition: A character which is either alphabetic (uppercase), numeric or one of the special characters. ;

Value Definition:
Consistency Rules:

GRA:



PAR: [ADDRESS_INFO](#) (145) | [TERMINAL_PROCEDURE_SYNONYM_ID](#) (220)

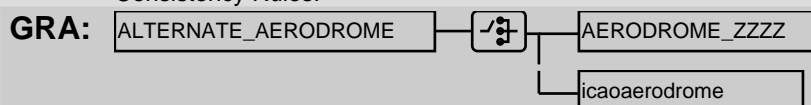
ALTERNATE_AERODROME

BNF: [[AERODROME_ZZZZ](#) | [icao aerodrome](#)]

DOC: Detailed Definition: (1) The name of an alternate aerodrome, or ZZZZ if unknown.;

Value Definition:

Consistency Rules:



PAR: [altrnt1](#) (83) | [altrnt2](#) (83) | [FIELD_TYPE_16C_ICAO](#) (32) | [SAFA_MATCHED_FLIGHT](#) (214) | [SAFA_MATCHED_FLIGHT](#) (214)

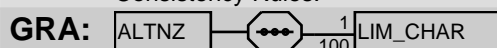
ALTNZ

BNF: 1{ [LIM_CHAR](#) }100

DOC: Detailed Definition: Name and location of alternate if not given in field 16 explicitly. This is used when ZZZZ is mentioned in field 16C or when there is no field 16C, such as in the IFPS_RPL_FLIGHT_RECORD;

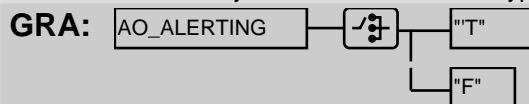
Value Definition:

Consistency Rules:



PAR: [altnz](#) (83) | [FIELD_TYPE_18_ICAO](#) (32) | [MSG_FLT_RECORD](#) (198)**AO_ALERTING****BNF:** ["T" | "F"]

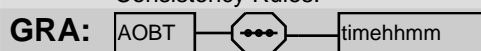
DOC: Detailed Definition: Controls if the alarm should be involved in AO alerting;
 Value Definition: • T : True. AO is to be Alerted as well • F : False. AO not to be alerted
 Consistency Rules: Typically True for Alarm Level EC_BLACKLIST_ALERT, and False otherwise.

**PAR:** [SAFA_ALARM_INFO](#) (211)**AOARCID****BNF:** [AIRCRAFT_OPERATOR_ICAO_ID](#)

DOC: Detailed Definition: (1) ICAO Identifier of the aircraft operator, as derived from arcid (ICAO field 7a, when derivable). ;
 Value Definition:
 Consistency Rules:

**PAR:** [aoarcid](#) (84) | [IFPS_EVT_RECORD](#) (193) | [MSG_FLT_RECORD](#) (198) | [SAFA_MATCHED_FLIGHT](#) (214)**AOBT****BNF:** [timehhmm](#)

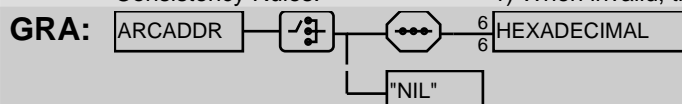
DOC: Detailed Definition: (1) Actual off block time.;
 Value Definition:
 Consistency Rules:

**PAR:** [FIELD_TYPE_13B_ICAO](#) (29)**AOOPR****BNF:** [AIRCRAFT_OPERATOR_ICAO_ID](#)

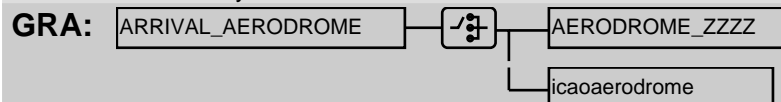
DOC: Detailed Definition: (1) ICAO Identifier of the aircraft operator, as derived from opr (ICAO field 18 sub-field OPR/) (when derivable). ;
 Value Definition:
 Consistency Rules:

**PAR:** [aoopr](#) (84) | [IFPS_EVT_RECORD](#) (193) | [MSG_FLT_RECORD](#) (198) | [SAFA_MATCHED_FLIGHT](#) (214)**ARCADDR****BNF:** [6{ [HEXADECIMAL](#) }6 | "NIL"]

DOC: Detailed Definition: ICAO 24-bit Aircraft Address (ICAO, Annex 10, Vol 3, Ch. 9), as will be used for Mode S, Datalink, etc. This address is unique
 Value Definition: "NIL" is only for input to IFPS (never output), it is used to suppress a previously sent aircraft address
 Consistency Rules: 1) When invalid, the field is interpreted as NIL

**PAR:** [arcaddr](#) (84) | [FIELD_TYPE_18_ICAO](#) (32)**ARRIVAL_AERODROME****BNF:** [[AERODROME_ZZZZ](#) | [icao aerodrome](#)]

DOC: Detailed Definition: The name of the arrival aerodrome or ZZZZ if unknown;
Value Definition:
Consistency Rules:

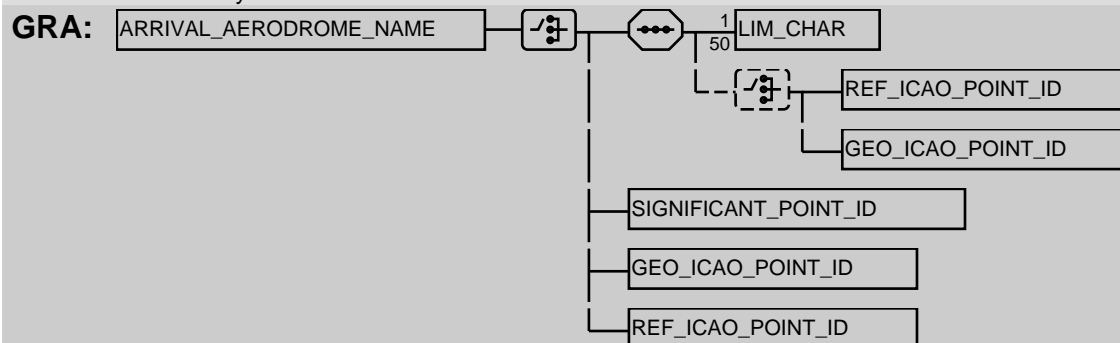


PAR: [adarr](#) (80) | [FIELD_TYPE_17_ICAO](#) (32) | [IFPS_EVT_RECORD](#) (193) | [\\$AFA_MATCHED_FLIGHT](#) (214)

ARRIVAL_AERODROME_NAME

BNF: [1{ [LIM_CHAR](#) }50 + ([[REF_ICAO_POINT_ID](#) | [GEO_ICAO_POINT_ID](#)]) | [SIGNIFICANT_POINT_ID](#) | [GEO_ICAO_POINT_ID](#) | [REF_ICAO_POINT_ID](#)]

DOC: Detailed Definition: Name of arrival aerodrome if no ICAO location indicator exists;
Value Definition:
Consistency Rules:



PAR: [FIELD_TYPE_17_ICAO](#) (32)

ARRIVAL_PROCEDURE_ICAO_ID

BNF: [SIGNIFICANT_POINT_ID](#) + [VERSION_NR](#) + [ROUTE_INDICATOR](#)

DOC: Detailed Definition: ICAO designator of an arrival terminal procedure. See also ADEXP definition of star;
Value Definition:



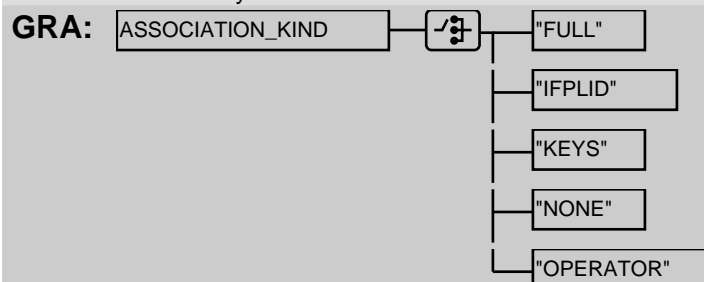
PAR: [FIELD_TYPE_15C_ICAO](#) (30) | [NEW RTE](#) (168)

ASSOCIATION_KIND

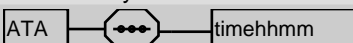
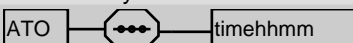
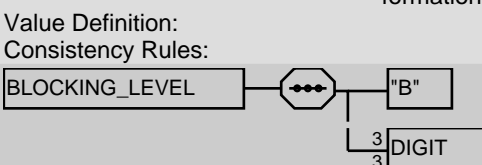
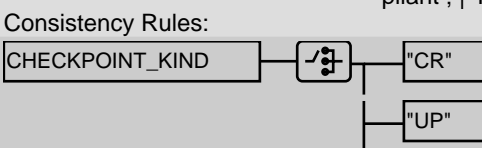
BNF: ["FULL" | "IFPLID" | "KEYS" | "NONE" | "OPERATOR"]

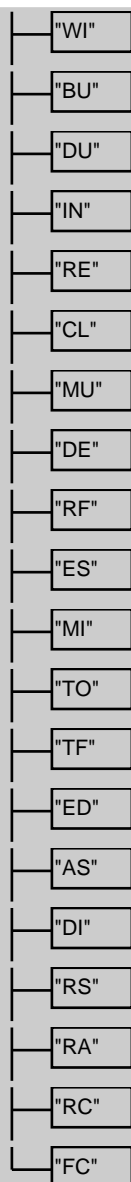
DOC: Detailed Definition: Kind of association used for flight plan processing
Value Definition: 'FULL' Full association, both IFPL ID and keys; 'IFPLID' Association only on the IFPL ID; 'KEYS' Association only in the keys; 'NONE' No association

Consistency Rules:



PAR: [IFPS_EVT_RECORD](#) (193)

ATA**BNF:** timehhmm**DOC:** Detailed Definition: (1) Actual time of arrival. This is calculated starting from the AOBT.;
Value Definition:
Consistency Rules:**GRA:** **PAR:** FIELD_TYPE_17_ICAO (32)**ATO****BNF:** timehhmm**DOC:** Detailed Definition: (1) Actual time over a point;
Value Definition:
Consistency Rules:**GRA:** **PAR:** FIELD_TYPE_13B_ICAO (29)**BAN_REF_ID****BNF:** 1{ LIM_CHAR }25**DOC:** Detailed Definition: Reference to an Alarm as provided externally. Not unique. In screens and reports this is known as Alarm Ref (or sometimes simply Ref);
Value Definition:
Consistency Rules:**GRA:** **PAR:** SAFA_ALARM_INFO (211)**BLOCKING_LEVEL****BNF:** "B" + 3{ DIGIT }3**DOC:** Detailed Definition: (1) IFPS accepts the syntax of blocking levels (POINT/N0450F220B240). The implementation stops at accepting the syntax; it does not use the blocked levels in any profile calculation, Cruising flight level or VFR indicator. The information is output without the optional separators;**GRA:** **PAR:** POINT_ROUTE_ITEM (207)**CHECKPOINT_KIND****BNF:** ["CR" | "UP" | "WI" | "BU" | "DU" | "IN" | "RE" | "CL" | "MU" | "DE" | "RF" | "ES" | "MI" | "TO" | "TF" | "ED" | "AS" | "DI" | "RS" | "RA" | "RC" | "FC"]**DOC:** Detailed Definition: Kind of action performed on a flight plan data record (FPD) or on a flight plan message (EFPM) in IFPS. (see IFPS SRD);
Value Definition: 'CR' : create | 'UP' : update | 'WI' : wrong IFPU | 'BU' : backup | 'DU' : duplicate | 'IN' : invalid | 'RE' : reject | 'CL' : close FPD | 'MU' : multiple | 'DE' : delete message | 'RF' : refer | 'ES' : escape | 'MI' : manual transmit | 'TO' : transmit OK | 'TF' : transmit fail | 'ED' : edit | 'AS' : associate | 'DI' : discard | 'RS' : re-validation suspended | 'RA' : revalidation advisory ; | 'RC' : revalidation compliant ; | 'FC' : force compliant ;**GRA:** 



PAR: [IFPS_EVT_RECORD](#) (193)

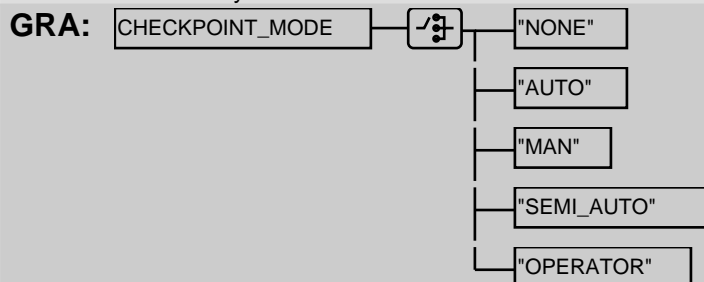
CHECKPOINT_MODE

BNF: ["NONE" | "AUTO" | "MAN" | "SEMI_AUTO" | "OPERATOR"]

DOC: Detailed Definition: Kind of action performed on a flight plan data record (FPD) or on a flight plan message (EFPM) in IFPS. (see IFPS SRD)

Value Definition:

Consistency Rules:



PAR: [IFPS_EVT_RECORD](#) (193)

COM

BNF: 1{ LIM_CHAR }50

DOC: Detailed Definition: Communication equipment;
 Value Definition:
 Consistency Rules:
 Auto Correction Rules:

1. IFPS truncates to 50 chars if the field is longer, without raising an error. 2. IFPS shall determine the presence of "EXM833" indicator within the COM string. When present in input, the "EXM833" indicator will start the COM string in output by IFPS.

GRA:

PAR: [com](#) (87) | [FIELD_TYPE_18_ICAO](#) (32) | [MSG_FLT_RECORD](#) (198)

COUNTRY_CODE

BNF: 2{ ALPHABETIC }2

DOC: Detailed Definition: A 2-letter ICAO country code;
 Value Definition:
 Consistency Rules:

GRA:

PAR: [COUNTRY_LIST_RECORD](#) (180) | [COUNTRY_CODE_LIST](#) (179) | [COUNTRY_CODE_LIST](#) (179)

COUNTRY_CODE_LIST

BNF: [COUNTRY_CODE](#) + 0{ [SPACE](#) + [COUNTRY_CODE](#) }

DOC: Detailed Definition: List of the ICAO 2-letters country codes;
 Value Definition:
 Consistency Rules: String limited to 250 char

GRA:

PAR: [SAFA_EXEMPTION_CRITERIA](#) (214) | [NAS_PROFILE](#) (202) | [COUNTRY_SCOPE](#) (180)

COUNTRY_LIST_COL_HEADINGS

BNF: 1{ LIM_CHAR }

DOC: Detailed Definition: A comma separated string, with the names of the fields in the file. Useful when loading in Excel or debugging. Skipped by DWH;
 Value Definition:
 Consistency Rules: The sequence of names correspond to the fields appearing in SAFA_EVT_RECORD

GRA:

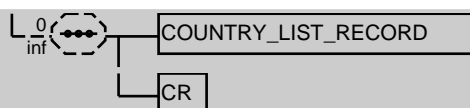
PAR: [COUNTRY_LIST_FILE](#) (179)

COUNTRY_LIST_FILE

BNF: [FAAS_DYN_VERSION](#) + CR + [COUNTRY_LIST_COL_HEADINGS](#) + CR + 0{ [COUNTRY_LIST_RECORD](#) + CR }

DOC: Detailed Definition: (1) A file defining the country list in terms of country codes. The file is produced daily. ;
 Value Definition:
 Consistency Rules:

GRA:



PAR: FAAS_TO_DWH (17)

COUNTRY_LIST_NAME

BNF: 0{ DIGIT }

DOC: Detailed Definition: The name of a list of country codes;
Value Definition: (info valid on Jun 2010) • 'SAFA_LIST': The list of countries participating to the SAFA programme. • 'EU_LIST': The list of countries member of the European Union. • 'NON_EU_LIST': The list of countries not member of the European Union (SAFA_LIST minus the EU_LIST). • 'LEGISLATION_AGREED_LIST' : The list of countries participating to the BlackList (EU_LIST + BI, EN, LS). • 'LEGISLATION_NON_AGREED_LIST' : The list of countries not participating to the BlackList (NON_EU_LIST - BI, EN, LS).
Consistency Rules: 1. name cannot exceed 50 char 2. system will not use the 'LEGISLATION_NON_AGREED_LIST'. The purpose is for the User to easily see the list of 'Participating States' States via the HMI

GRA: COUNTRY_LIST_NAME 0 inf DIGIT

PAR: COUNTRY_LIST_RECORD (180) COUNTRY_SCOPE (180)

COUNTRY_LIST_RECORD

BNF: COUNTRY_LIST_NAME + COUNTRY_CODE

DOC: Detailed Definition: A value couple indicating that the given COUNTRY_CODE is included in the given COUNTRY_LIST_NAME. ;
Value Definition:
Consistency Rules: 1. Each element is enclosed in double quotes 2. Two consecutives elements are separated by commas.

GRA: COUNTRY_LIST_RECORD COUNTRY_LIST_NAME COUNTRY_CODE

PAR: COUNTRY_LIST_FILE (179)

COUNTRY_SCOPE

BNF: 0{ COUNTRY_LIST_NAME } + (COUNTRY_CODE_LIST)

DOC: Detailed Definition: Countries for which the Alarm is applicable. The countries are defined by a series of 2-letter ICAO country codes and/or a series of country list names;
Value Definition:
Consistency Rules: 1° Cannot be empty; 2° Each 2-letter ICAO country code must be present in the Country List named SAFA_LIST. 3° String limited to 250 char

GRA: COUNTRY_SCOPE 0 inf COUNTRY_LIST_NAME COUNTRY_CODE_LIST

PAR: SAFA_ALARM_INFO (211)

CRUISE_CLIMB_CRUISING_LEVEL

BNF: flightlevel

DOC: Detailed Definition: InitialFlight level for cruise climb as requested on the FPL.;
Consistency Rules:

GRA: CRUISE_CLIMB_CRUISING_LEVEL flightlevel

PAR: CRUISE_CLIMB_ITEM (180) CRUISE_CLIMB_ITEM (180)

CRUISE_CLIMB_ITEM

BNF: "C/" + [REF_ICAO_POINT_ID | GEO_ICAO_POINT_ID | SIGNIFICANT_POINT_ID] + "/" +

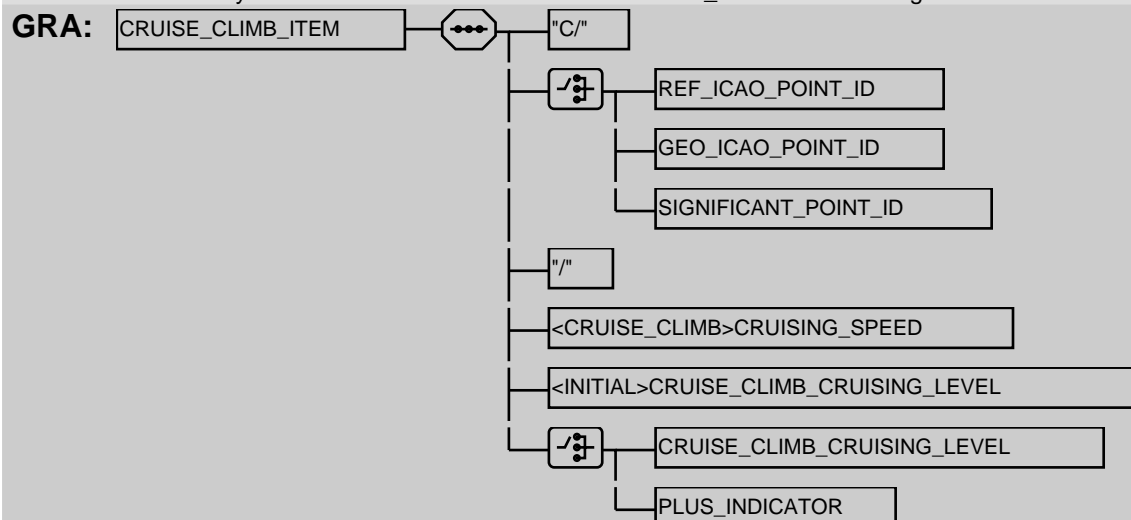
CRUISING_SPEED + <INITIAL>**CRUISE_CLIMB_CRUISING_LEVEL** + [**CRUISE_CLIMB_CRUISING_LEVEL** | **PLUS_INDICATOR**]

DOC: Detailed Definition: (1) Indication of a cruise climb. Includes the point at which the climb will begin, the speed and the two levels indicating the flight level band to be occupied during the climb. The second level can be "PLUS" where the upper level is unknown. ;

Value Definition:

Consistency Rules:

The final **CRUISING_LEVEL** must be higher than the initial.



PAR: [FIELD_TYPE_15C_ICAO](#) (30)

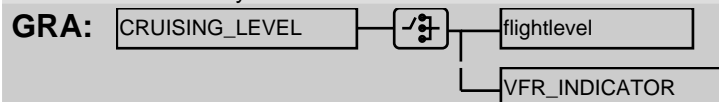
CRUISING_LEVEL

BNF: [[flightlevel](#) | [VFR_INDICATOR](#)]

DOC: Detailed Definition: Cruising flight level or VFR indicator.;

Value Definition:

Consistency Rules:



PAR: [FIELD_TYPE_15B_ICAO](#) (30) | [POINT_ROUTE_ITEM](#) (207)

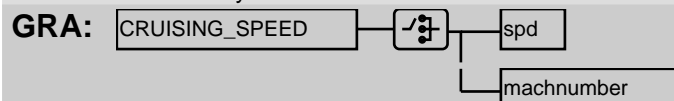
CRUISING_SPEED

BNF: [[spd](#) | [machnumber](#)]

DOC: Detailed Definition: (1) Cruising Speed.;

Value Definition:

Consistency Rules:



PAR: [CRUISE_CLIMB_ITEM](#) (180) | [FIELD_TYPE_15A_ICAO](#) (30) | [INIT_REQ_FL_SPEED](#) (168) | [POINT_ROUTE_ITEM](#) (207) | [REQ_FL_SPEED](#) (169)

DATE

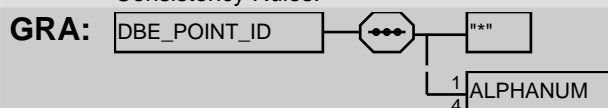
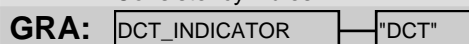
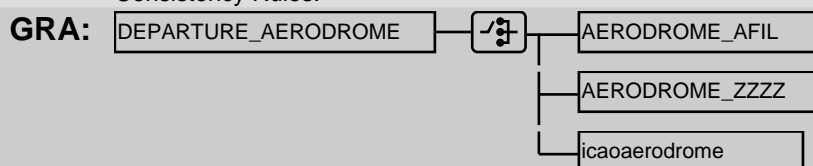
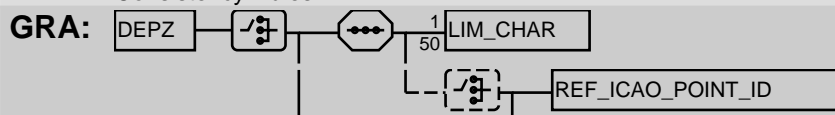
BNF: 8{ [DIGIT](#) }8

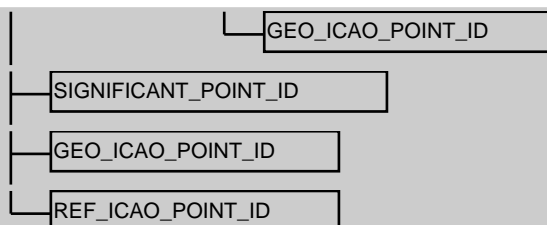
DOC: Detailed Definition: (1) Date expressed as YYYYMMDD. ;
Value Definition: Pos 1 .. 4 : YEAR = [1900 ...9999 |0000]

Consistency Rules:



PAR: [LOBD](#) (197) | [BOBD](#) (184) | [EVENT_DATE](#) (186) | [LOAD_DATE](#) (197) | [FILING_DATE](#) (188) | [RECEPTION_DATE](#) (209) | [LAST_UPDATE_DATE](#) (196)

DBE_POINT_ID**BNF:** `"**" + 1{ ALPHANUM }4`**DOC:** Detailed Definition: (1) DBE identification for DBE point. ;
Value Definition:
Consistency Rules:**PAR:** [point](#) (112)**DCT_INDICATOR****BNF:** `"DCT"`**DOC:** Detailed Definition: (1) Indicates a direct route between two points. ;
Value Definition:
Consistency Rules:**PAR:** [FIELD_TYPE_15C_ICAO](#) (30) | [FIELD_TYPE_15C_ICAO](#) (30) | [FIELD_TYPE_15C_ICAO](#) (30) | [NEW_RTE](#) (168) | [NEW_RTE](#) (168)**DEPARTURE_AERODROME****BNF:** `[AERODROME_AFIL | AERODROME_ZZZZ | icao aerodrome]`**DOC:** Detailed Definition: The name of the departure aerodrome, or ZZZZ if unknown, or AFIL if FPL filed in the air. ;
Value Definition:
Consistency Rules:**PAR:** [IDENTIFICATION](#) (153) | [adep](#) (81) | [FIELD_TYPE_13A_ICAO](#) (29) | [IFPS_RPL_INFO_RECORD](#) (156) | [IFPS_RPL_INFO_RECORD_WITH_DELIMITER](#) (157) | [IFPS_EVT_RECORD](#) (193) | [SAFA_MATCHED_FLIGHT](#) (214) | [SAFA_EXEMPTION_CRITERIA](#) (214)**DEPARTURE_PROCEDURE_ICAO_ID****BNF:** `SIGNIFICANT_POINT_ID + VERSION_NR + ROUTE_INDICATOR`**DOC:** Detailed Definition: ICAO designator of a departure terminal procedure. See also ADEXP definition of sid. ;
Value Definition:**PAR:** [FIELD_TYPE_15C_ICAO](#) (30) | [NEW_RTE](#) (168)**DEPZ****BNF:** `[1{ LIM_CHAR }50 + ([REF_ICAO_POINT_ID | GEO_ICAO_POINT_ID]) | SIGNIFICANT_POINT_ID | GEO_ICAO_POINT_ID | REF_ICAO_POINT_ID]`**DOC:** Detailed Definition: Name and location of departure aerodrome if no ICAO location exists ;
Value Definition:
Consistency Rules:

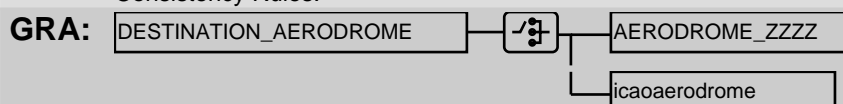


PAR: [FIELD_TYPE_18_ICAO](#) (32) | [MSG_FLT_RECORD](#) (198)

DESTINATION_AERODROME

BNF: [[AERODROME_ZZZZ](#) | [icao aerodrome](#)]

DOC: Detailed Definition: (1) The name of the destination aerodrome, or ZZZZ if unknown.
Value Definition:
Consistency Rules:

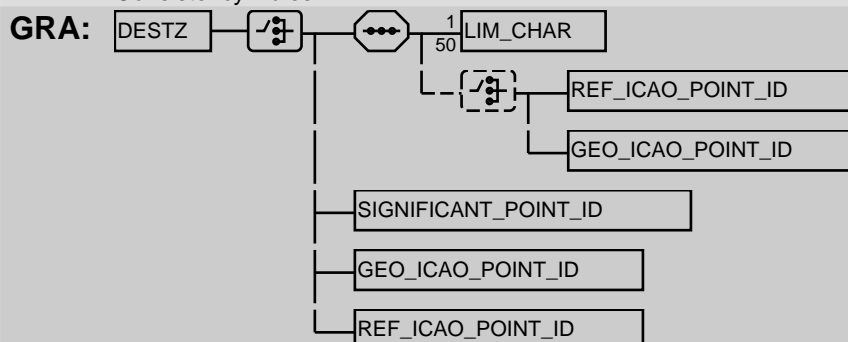


PAR: [IDENTIFICATION](#) (153) | [ades](#) (81) | [adesold](#) (81) | [FIELD_TYPE_16A_ICAO](#) (31) | [IFPS_RPL_INFO_RECORD](#) (156) | [IFPS_RPL_INFO_RECORD_WITH_DELIMITER](#) (157) | [SRC](#) (218) | [IFPS_EVT_RECORD](#) (193) | [SAFA_MATCHED_FLIGHT](#) (214) | [SAFA_EXEMPTION_CRITERIA](#) (214)

DESTZ

BNF: [1{ [LIM_CHAR](#) }50 + ([[REF_ICAO_POINT_ID](#) | [GEO_ICAO_POINT_ID](#)]) | [SIGNIFICANT_POINT_ID](#) | [GEO_ICAO_POINT_ID](#) | [REF_ICAO_POINT_ID](#)]

DOC: Detailed Definition: Name and location of destination aerodrome if no ICAO location indicator exists.;
Value Definition:
Consistency Rules:

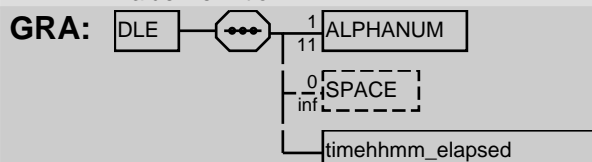


PAR: [FIELD_TYPE_18_ICAO](#) (32) | [MSG_FLT_RECORD](#) (198)

DLE

BNF: 1{ [ALPHANUM](#) }11 + 0{ [SPACE](#) } + [timehhmm_elapsed](#)

DOC: Detailed Definition: (1) Indicate a delay on a point of the route. ;
Value Definition:



PAR: [FIELD_TYPE_18_ICAO](#) (32) | [FIELD_TYPE_18_ICAO](#) (32)

DOF

BNF: [date](#)

DOC: Detailed Definition: (1) Date of flight.;
Value Definition:

Consistency Rules:



PAR: [FIELD_18_DOF_ICAO](#) (28) | [FIELD_TYPE_18_ICAO](#) (32) | [SAFA_MATCHED_FLIGHT](#) (214)

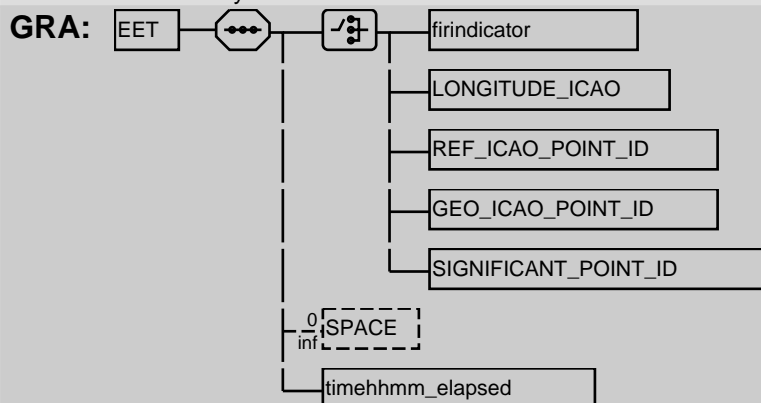
EET

BNF: [[firindicator](#) | [LONGITUDE_ICAO](#) | [REF_ICAO_POINT_ID](#) | [GEO_ICAO_POINT_ID](#) | [SIGNIFICANT_POINT_ID](#)] + 0{ [SPACE](#) } + [timehhmm_elapsed](#)

DOC: Detailed Definition: Significant points or FIR boundary designators and accumulated estimated elapsed times over such points or FIR boundaries.;

Value Definition:

Consistency Rules:



PAR: [FIELD_TYPE_18_ICAO](#) (32) | [FIELD_TYPE_18_ICAO](#) (32)

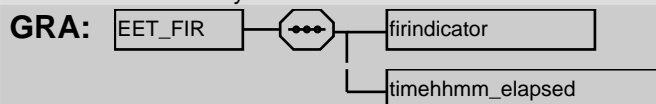
EET_FIR

BNF: [firindicator](#) + [timehhmm_elapsed](#)

DOC: Detailed Definition: (1) FIR identification and the accumulated elapsed time (in hours : and minutes) to the FIR boundary. ;

Value Definition:

Consistency Rules:



PAR: [MSG_FLT_RECORD](#) (198)

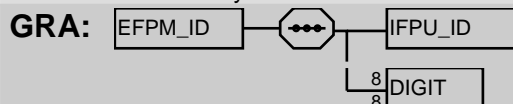
EFPM_ID

BNF: [IFPU_ID](#) + 8{ [DIGIT](#) }8

DOC: Detailed Definition: (1) Internal number of an EFPM within the IFPS system. ;

Value Definition:

Consistency Rules:



PAR: [IFPS_EVT_RECORD](#) (193)

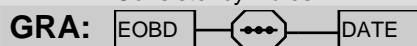
EOBD

BNF: [DATE](#)

DOC: Detailed Definition: (1) Estimated Off-Block Date. ;

Value Definition:

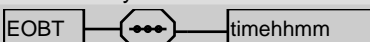
Consistency Rules:



PAR: [IFPS_EVT_RECORD](#) (193)

EOBT**BNF:** timehhmm


DOC: Detailed Definition: (1) Estimated off block time as given by the flight plan. ;
 Value Definition:
 Consistency Rules:

GRA: 

PAR: [FIELD_TYPE_13B_ICAO](#) (29) | [IFPS_RPL_INFO_RECORD](#) (156) | [IFPS_RPL_INFO_RECORD_WITH_DELIMITER](#) (157) | [SAFA_MATCHED_FLIGHT](#) (214)

EOBT_FORMATTED**BNF:** TIME_HH_MM


DOC: Detailed Definition: (1) Estimated Off-Block Time. ;
 Value Definition:
 Consistency Rules:

GRA: 

PAR: [IFPS_EVT_RECORD](#) (193)

ERROR_CLASS**BNF:** 0{ [LIM_CHAR](#) }


DOC: Detailed Definition: (1) Class of the error (see IFPS SRD).;
 Value Definition:
 Consistency Rules:

GRA: 

PAR: [IFPS_EVT_ERR_RECORD](#) (192)

ERROR_ID**BNF:** 0{ [LIM_CHAR](#) }

DOC: Detailed Definition: (1) Id of the error (see IFPS SRD).;
 Value Definition:
 Consistency Rules:

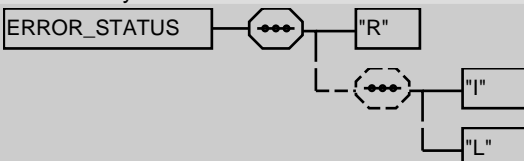
GRA: 

PAR: [IFPS_EVT_ERR_RECORD](#) (192)

ERROR_STATUS**BNF:** ("R") + ("I" + ("L"))

DOC: Detailed Definition: Status of the error
 Value Definition: "I" : Ignored "L" : Logged "R" : Auto Rejection Possible combined values are (see BNF) "" : Active (=normal error, nothing special to say) "I" : Ignored "IL" : Ignored and Logged "R" : Auto Rejection "RI" : Auto Rejection and Ignored (only when manual auto-rejection) "RIL" : Auto Rejection and Ignored and Logged (only when manual auto-rejection)

Consistency Rules:

GRA: 

PAR: [IFPS_EVT_ERR_RECORD](#) (192)

ERROR_TEXT**BNF:** 0{ [LIM_CHAR](#) }

DOC: Detailed Definition: (1) (1) Id of the error (see IFPS SRD).;
 Value Definition:

Consistency Rules:

GRA:

PAR: [IFPS_EVT_ERR_RECORD](#) (192)

EST_DATA

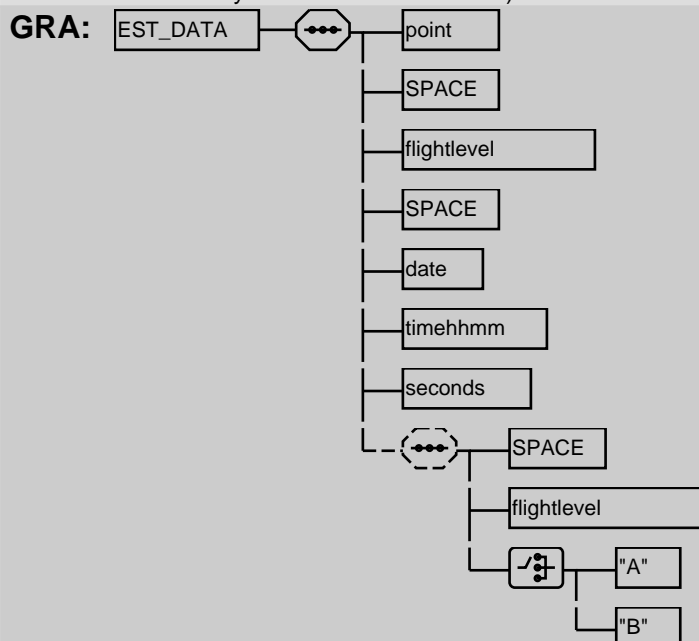
BNF: [point](#) + [SPACE](#) + [flightlevel](#) + [SPACE](#) + [date](#) + [timehhmm](#) + [seconds](#) + ([SPACE](#) + [flightlevel](#) + [["A"](#) | ["B"](#)])

DOC: Detailed Definition: (1) Estimate data. A point id. the estimated flightlevel (flight: level number) and the estimate date-time at this point followed :optionally by the supplementary flightlevel (flightlevel number :followed by the indicator A or B). ;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



PAR: [MSG_FLT_RECORD](#) (198)

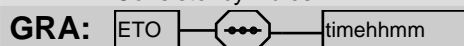
ETO

BNF: [timehhmm](#)

DOC: Detailed Definition: (1) Estimated time over a point;

Value Definition:

Consistency Rules:



PAR: [FIELD_TYPE_13B_ICAO](#) (29) | [FIELD_TYPE_14_ICAO](#) (29) | [FIELD_TYPE_18_ICAO](#) (32)

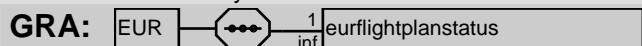
EUR

BNF: 1{ [eurflightplanstatus](#) }

DOC: Detailed Definition: (1) Field 18 indicators to be used in Europe ;

Value Definition:

Consistency Rules:



PAR: [eur](#) (98) | [FIELD_TYPE_18_ICAO](#) (32) | [MSG_FLT_RECORD](#) (198)


EVENT_DATE

BNF: [DATE](#)

DOC: Detailed Definition: (1) Date FP history entry was created. ;

Value Definition:

Consistency Rules:

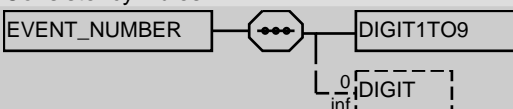
GRA:  EVENT_DATE DATE

PAR: IFPS_EVT_RECORD (193) | IFPS_EVT_RECORD (193) | MSG_FLT_RECORD (198) | IFPS_EVT_MSG_RECORD (193) | IFPS_EVT_ERR_RECORD (192) | MSG_HAS_ADDR_RECORD (200) | IFPS_EVENT_ID (191)

EVENT_NUMBER

BNF: DIGIT1TO9 + 0{ DIGIT }

DOC: Detailed Definition: (1) Number associated to the event, format without leading zeros.;
Value Definition:
Consistency Rules:


GRA:  EVENT_NUMBER DIGIT1TO9

PAR: IFPS_EVT_RECORD (193) | MSG_FLT_RECORD (198) | IFPS_EVT_MSG_RECORD (193) | IFPS_EVT_ERR_RECORD (192) | MSG_HAS_ADDR_RECORD (200)

EVENT_NUMBER_8

BNF: 0{ DIGIT }

DOC: Detailed Definition: (1) Number associated to the event, format in 8 digits.;
Value Definition:
Consistency Rules:


GRA:  EVENT_NUMBER_8

PAR: IFPS_EVENT_ID (191)

EVENT_TIME

BNF: TIME_HH_MM_SS

DOC: Detailed Definition: Time FP history entry was created.;
Value Definition:
Consistency Rules:

GRA:  EVENT_TIME TIME_HH_MM_SS

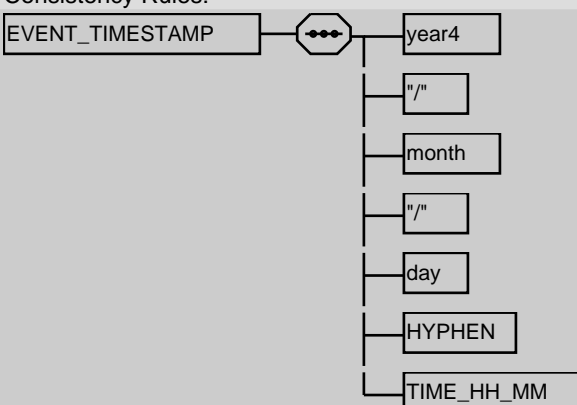
PAR: IFPS_EVT_RECORD (193)

EVENT_TIMESTAMP

BNF: year4 + "/" + month + "/" + day + HYPHEN + TIME_HH_MM

DOC: Detailed Definition: Date and time at which the event entry was created. Format is YYYY/MM/DD-HH:MM;

Value Definition:
Consistency Rules:

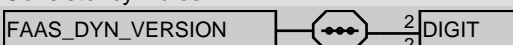
GRA:  EVENT_TIMESTAMP year4
/
month
/
day
HYPHEN
TIME_HH_MM

PAR: SAFA_EVENT (212)

FAAS_DYN_VERSION

BNF: 2{ DIGIT }2

DOC: Detailed Definition: (1)The internal version number of the DYN binary buffer used in FAAS to store data. This version changes with each CFMU release, this may be used to indicate a change in version to DWH, although an increase in number does not mean that the format has actually changed. ;
Value Definition:
Consistency Rules: Do not confuse this value with the CFMU release number

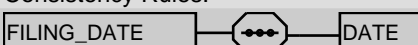
GRA: 

PAR: [SAFA_EVT_FILE](#) (213) [COUNTRY_LIST_FILE](#) (179) | [PARAMETER_FILE](#) (204)

FILING_DATE

BNF: [DATE](#)

DOC: Detailed Definition: (1) Date the message is filed. ;
Value Definition:
Consistency Rules:


GRA: 

PAR: [IFPS_EVT_RECORD](#) (193)

FILING_TIME

BNF: [TIME_HH_MM](#)

DOC: Detailed Definition: (1) Time the message is filed. ;
Value Definition:
Consistency Rules:

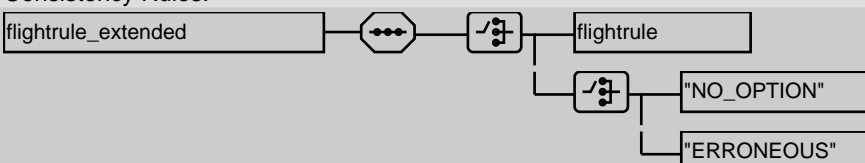
GRA: 

PAR: [IFPS_EVT_RECORD](#) (193)

flightrule_extended

BNF: [[flightrule](#) | ["NO_OPTION" | "ERRONEOUS"]]

DOC: Detailed Definition: (1)valid flight rule extended with some internal values.;
Value Definition:
Consistency Rules:

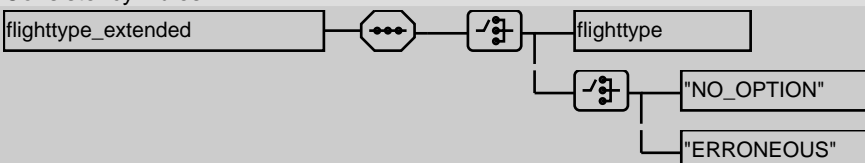
GRA: 

PAR: [MSG_FLT_RECORD](#) (198)

flighttype_extended

BNF: [[flighttype](#) | ["NO_OPTION" | "ERRONEOUS"]]

DOC: Detailed Definition: (1)valid flight type extended with some internal values.;
Value Definition:
Consistency Rules:

GRA: 

PAR: [MSG_FLT_RECORD](#) (198)

FP_SOURCE

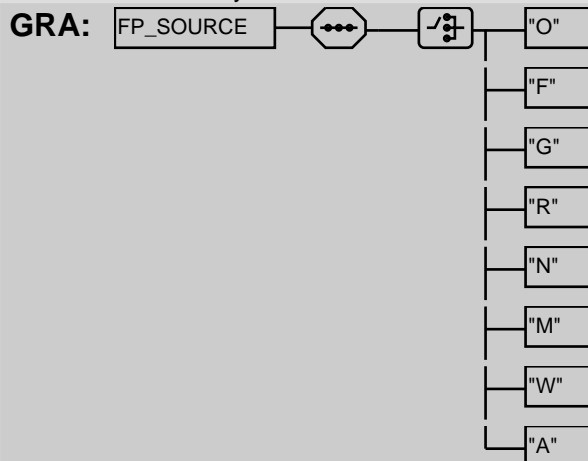
BNF: ["O" | "F" | "G" | "R" | "N" | "M" | "W" | "A"]

DOC: Detailed Definition: (1)Indication of the data source of a flight plan message or associated message;

Value Definition:

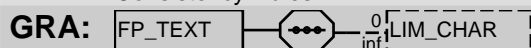
'O' ; none | 'F' ; ifpm | 'G' ; generated from rfpm | 'R' ; rfpm (not in IFPS) | 'N' ;
frn | 'M' ; mfs | 'W' ; awr | 'A' ; afp

Consistency Rules:

**PAR:** [IFPS_EVT_RECORD](#) (193)**FP_TEXT****BNF:** 0{ [LIM_CHAR](#) }**DOC:** Detailed Definition: (1) Flight Plan text (or part thereof, when longer than a specified limit).;

Value Definition:

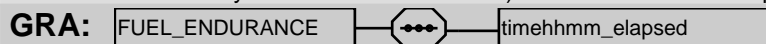
Consistency Rules:

**PAR:** [IFPS_EVT_MSG_RECORD](#) (193)**FUEL_ENDURANCE****BNF:** [timehhmm_elapsed](#)**DOC:** Detailed Definition: Fuel endurance in hours and minutes.;

Value Definition:

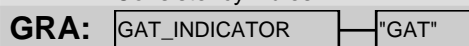
Consistency Rules:

1) Loose concatenation applies

**PAR:** [sple](#) (124) | [FIELD_TYPE_19_ICAO](#) (36)**GAT_INDICATOR****BNF:** "GAT"**DOC:** Detailed Definition: (1) Indicator of general trafficsection of route;

Value Definition:

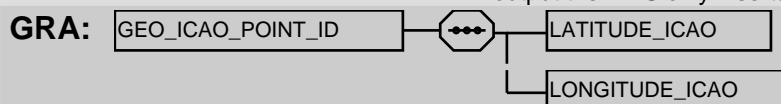
Consistency Rules:

**PAR:** [INDICATOR_ICAO](#) (196)**GEO_ICAO_POINT_ID****BNF:** [LATITUDE_ICAO](#) + [LONGITUDE_ICAO](#)**DOC:** Detailed Definition: (1)Point along a route defined by latitude and longitude and given in the flight plan.;

Value Definition:

Consistency Rules:

1.If the minutes part of both the latitude and the longitude are zero, then for output the IFPS only inserts the degrees



PAR: [ARRIVAL_AERODROME_NAME](#) (176) | [ARRIVAL_AERODROME_NAME](#) (176) | [CRUISE_CLIMB_ITEM](#) (180) | [DEPZ](#) (182) | [DEPZ](#) (182) | [DESTZ](#) (183) | [DESTZ](#) (183) | [EET](#) (184) | [FIELD_TYPE_14_ICAO](#) (29) | [FIELD_TYPE_18_ICAO](#) (32) | [POINT_ROUTE_ITEM](#) (207)

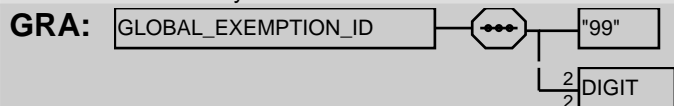
GLOBAL_EXEMPTION_ID

BNF: "99" + 2{ [DIGIT](#) }2

DOC: Detailed Definition: Id of a global Exemption. A Global exemption is defined globally, it is not related to a specific Alarm;

Value Definition: • 9996 : Head of State exemption • 9997 : STS exemption • 9998 : Military Flight exemption • 9999 : Country Scope exemption

Consistency Rules:



PAR: [MATCHING_EXEMPTION_ID](#) (198)

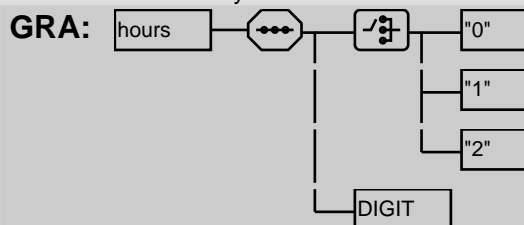
hours

BNF: ["0" | "1" | "2"] + [DIGIT](#)

DOC: Detailed Definition: (1)Hours. Two digits from "00" to "23";

Value Definition:

Consistency Rules:



PAR: [TIME_HH_MM_SS](#) (220) | [TIME_HH_MM](#) (220)

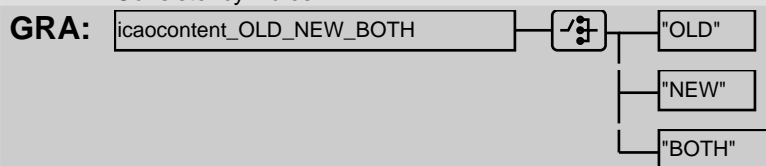
icaocontent_OLD_NEW_BOTH

BNF: ["OLD" | "NEW" | "BOTH"]

DOC: Detailed Definition: OLD refers to the pre-2012 ICAO format and content; NEW refers to the new ICAO 2012 format and content; BOTH indicates that the flight plan does not contain any element specifically NEW or OLD.;

Value Definition:

Consistency Rules:



PAR: [icaocontent](#) (103) | [MSG_FLT_RECORD](#) (198)

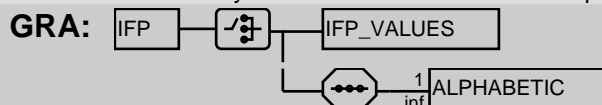
IFP

BNF: [[IFP_VALUES](#) | 1{ [ALPHABETIC](#) }]

DOC: Detailed Definition: Indication of known errors within a FPL.;

Value Definition:

Consistency Rules: 1. On output by IFPS, only option IFP_VALUES is taken



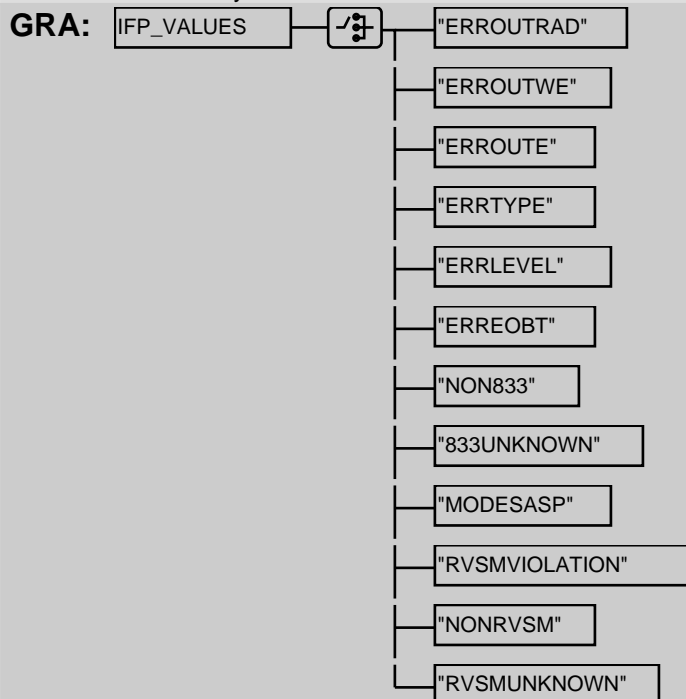
PAR: [ifp](#) (104) | [FIELD_TYPE_18_ICAO](#) (32) | [FIELD_TYPE_18_ICAO](#) (32) | [MSG_FLT_RECORD](#) (198)

IFP_VALUES

BNF: ["ERROUTRAD" | "ERROUTWE" | "ERROUTE" | "ERRTYPE" | "ERRLEVEL" | "ERREOBT" | "NON833" | "833UNKNOWN" | "MODESASP" | "RVSMVIOLATION" | "NONRVSM" | "RVSMUNKNOWN"]

DOC: Detailed Definition: Indication of known errors / indicators within a FPL, after having been processed by IFPS.;

Value Definition:
Consistency Rules:



PAR: [IFP](#) (190)

IFPS_DYN_VERSION

BNF: 2{ [DIGIT](#) }2

DOC: Detailed Definition: (1)The internal version number of the DYN binary buffer used in IFPS to store data. This version changes with each CFMU release, this may be used to indicate a change in version to DWH, although an increase in number does not mean that the format has actually changed. ;

Value Definition: Beware that confusion may arise in that the current value is close to the CFMU release number (e.g. for CFMU 12, the IFPS_DYN_VERSION is 13)
Consistency Rules: The element is enclosed in double quotes when in a CSV file.



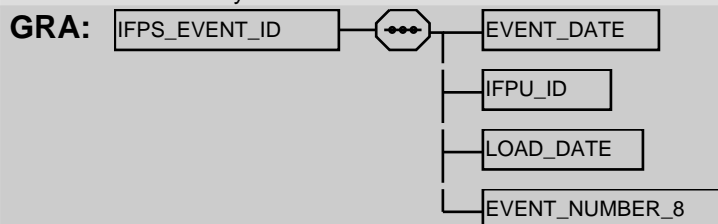
PAR: [IFPS_EVT_FILE](#) (192) | [MSG_FLT_FILE](#) (198) | [IFPS_EVT_MSG_FILE](#) (192) | [IFPS_EVT_ERR_FILE](#) (192) | [MSG_HAS_ADDR_FILE](#) (200) | [MSG_OP_REPLY_FILE](#) (201) | [MSG_OP_REROUTE_FILE](#) (201)

IFPS_EVENT_ID

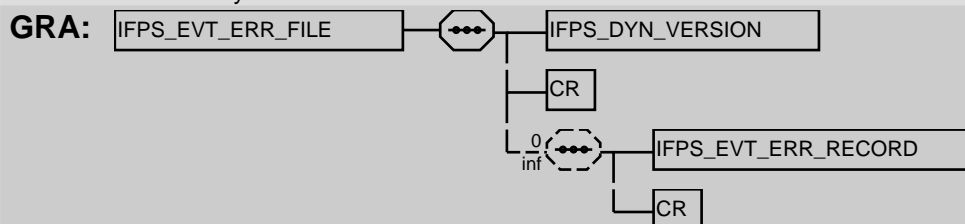
BNF: [EVENT_DATE](#) + [IFPU_ID](#) + [LOAD_DATE](#) + [EVENT_NUMBER_8](#)

DOC: Detailed Definition: xxxx.;

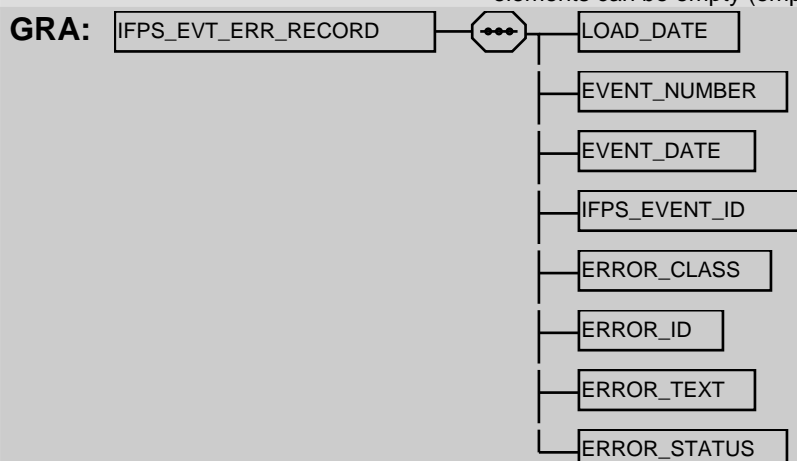
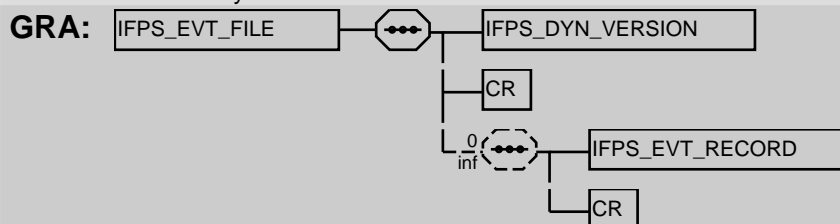
Value Definition:
Consistency Rules:



PAR: [IFPS_EVT_RECORD](#) (193) | [MSG_FLT_RECORD](#) (198) | [IFPS_EVT_MSG_RECORD](#) (193) | [IFPS_EVT_ERR_RECORD](#) (192) | [MSG_HAS_ADDR_RECORD](#) (200)

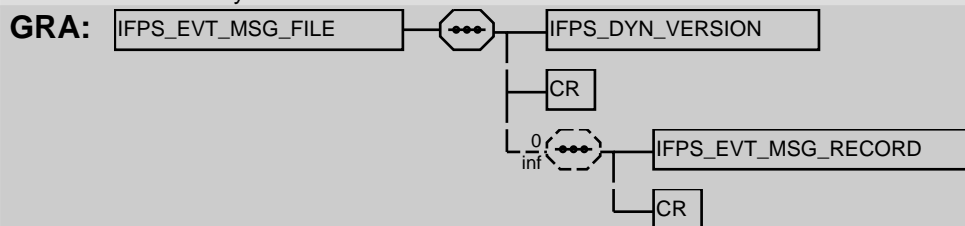
IFPS_EVT_ERR_FILE**BNF:** IFPS_DYN_VERSION + CR + 0{ IFPS_EVT_ERR_RECORD + CR }**DOC:** Detailed Definition: (1) A file containing the errors associated to events occurred in the IFPS system. ;Value Definition:
Consistency Rules:**PAR:** IFPS_TO_DWH (17)**IFPS_EVT_ERR_RECORD****BNF:** LOAD_DATE + EVENT_NUMBER + EVENT_DATE + IFPS_EVENT_ID + ERROR_CLASS + ERROR_ID + ERROR_TEXT + ERROR_STATUS**DOC:** Detailed Definition: An event occurred in the IFPS system, usually as an action performed on a flight plan data record (FPD) or on a flight plan message (EFPM). ;Value Definition:
Consistency Rules:

1. Each element is enclosed in double quotes. 2. Two consecutive elements are separated by commas. 3. When not applicable for a given event, some elements can be empty (empty string).

**PAR:** IFPS_EVT_ERR_FILE (192)**IFPS_EVT_FILE****BNF:** IFPS_DYN_VERSION + CR + 0{ IFPS_EVT_RECORD + CR }**DOC:** Detailed Definition: (1) A file containing events occurred in the IFPS system. ;Value Definition:
Consistency Rules:**PAR:** IFPS_TO_DWH (17)**IFPS_EVT_MSG_FILE****BNF:** IFPS_DYN_VERSION + CR + 0{ IFPS_EVT_MSG_RECORD + CR }

DOC: Detailed Definition: (1) A file containing the text of the messages associated to events occurred in the IFPS system. ;

Value Definition:
Consistency Rules:



PAR: IFPS_TO_DWH (17)

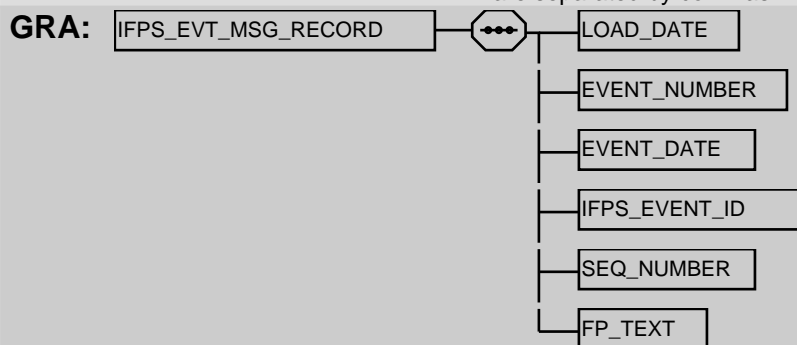
IFPS_EVT_MSG_RECORD

BNF: LOAD_DATE + EVENT_NUMBER + EVENT_DATE + IFPS_EVENT_ID + SEQ_NUMBER + FP_TEXT

DOC: Detailed Definition: An event occurred in the IFPS system, usually as an action performed on a flight plan data record (FPD) or on a flight plan message (EFPM). For the FP_TEXT symbol all control characters are escaped. If the text is longer than 4000 chars it is split on multiple lines. Splitting is done at the last ^J before the limit. The number keeps track of the segments.

Value Definition:
Consistency Rules:

1. Each element is enclosed in double quotes 2. Two consecutives elements are separated by commas.



PAR: IFPS_EVT_MSG_FILE (192)

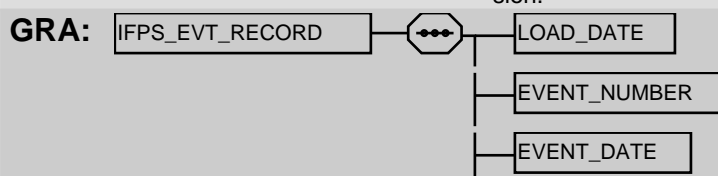
IFPS_EVT_RECORD

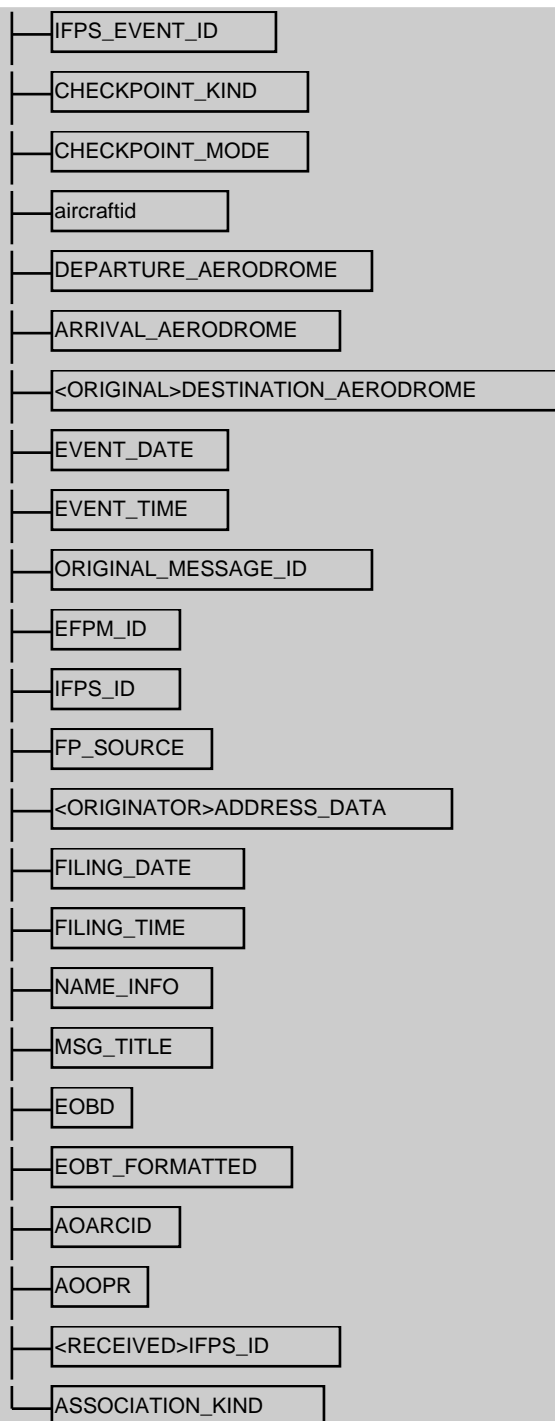
BNF: LOAD_DATE + EVENT_NUMBER + EVENT_DATE + IFPS_EVENT_ID + CHECKPOINT_KIND + CHECKPOINT_MODE + aircraftid + DEPARTURE_AERODROME + ARRIVAL_AERODROME + <ORIGINAL>DESTINATION_AERODROME + EVENT_DATE + EVENT_TIME + ORIGINAL_MESSAGE_ID + EFPM_ID + IFPS_ID + FP_SOURCE + <ORIGINATOR>ADDRESS_DATA + FILING_DATE + FILING_TIME + NAME_INFO + MSG_TITLE + EOBD + EOBT_FORMATTED + AOARCID + AOOPR + <RECEIVED>IFPS_ID + ASSOCIATION_KIND

DOC: Detailed Definition: An event occurred in the IFPS system, usually as an action performed on a flight plan data record (FPD) or on a flight plan message (EFPM). ;

Value Definition:
Consistency Rules:

1. Each element is enclosed in double quotes 2. Two consecutives elements are separated by commas. 3. When not applicable for a given event, some elements can be empty (empty string): [ORIGINATOR]ADDRESS_DATA, FILING_DATE, FILING_TIME, NAME_INFO, EOBD EOBT_FORMATTED, or filled in with spaces ORIGINAL_MESSAGE_ID, EFPM_ID, IFPS_ID, [received]IFPS_ID, AOARCID, AOOPR, [ORIGINAL]DESTINATION_AERODROME. 4. [ORIGINAL]DESTINATION_AERODROME is filled in only in case of diversion.





PAR: [IFPS_EVT_FILE](#) (192)

IFPS_ID

BNF: 2{ [ALPHABETIC](#) }2 + 8{ [DIGIT](#) }8

DOC: Detailed Definition: (1) Internal number of a flight within the IFPS system.;
Value Definition:
Consistency Rules:

GRA:

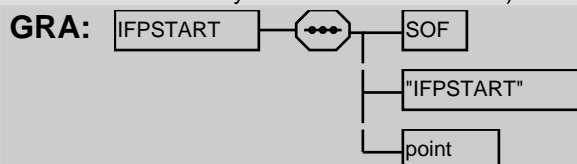
PAR: [ifplid](#) (104) | [REROUTE_CHECK_MESSAGE](#) (165) | [REROUTE_REPLY_MESSAGE](#) (165) | [REROUTE_SUBMIT_MESSAGE](#) (166) | [IFPS_EVT_RECORD](#) (193) | [IFPS_EVT_RECORD](#) (193) | [SAFA_MATCHED_FLIGHT](#) (214)

IFPSTART**BNF:** SOF + "IFPSTART" + point**DOC:** Detailed Definition: (1) Indication of point where route extraction starts (if a section has not been extracted), during message processing by IFPS;

Value Definition:

Consistency Rules:

1) Loose concatenation applies

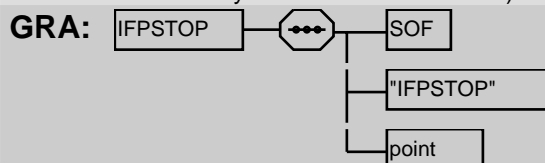


PAR: ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70)

IFPSTOP**BNF:** SOF + "IFPSTOP" + point**DOC:** Value Definition:

Consistency Rules:

1) Loose concatenation applies



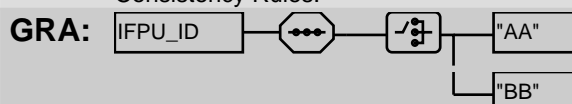
PAR: ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70)

IFPU_ID**BNF:** ["AA" | "BB"]**DOC:** Detailed Definition: (1) Identifier of the processing IFPS Unit, as used in some system generated IDs. ;

Value Definition:

Consistency Rules:

AA for Haren, BB for Bretigny



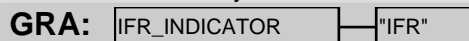
PAR: EFPM_ID (184) | ORIGINAL_MESSAGE_ID (204) | IFPS_EVENT_ID (191)

IFR_INDICATOR**BNF:** "IFR"**DOC:** Detailed Definition:

(1) Instrument Flight Rules indicator

Value Definition:

Consistency Rules:



PAR: INDICATOR_ICAO (196)

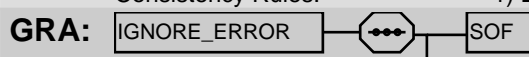
IGNORE_ERROR**BNF:** SOF + "IGNOREERROR" + 1{ LIM_CHAR }**DOC:** Detailed Definition:

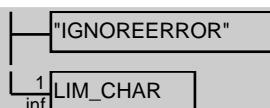
(1) Indication of an error ignored when message was processed by IFPS or by RPL;

Value Definition:

Consistency Rules:

1) Loose concatenation applies



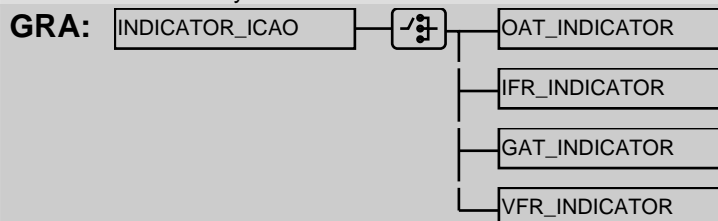


PAR: ADEXP_IACH_MESSAGE_OUTPUT (40) | ADEXP_IAPL_MESSAGE_OUTPUT (45) | ADEXP_IARR_MESSAGE_OUTPUT (49) | ADEXP_ICHG_MESSAGE_OUTPUT (53) | ADEXP_ICNL_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (59) | ADEXP_IDLA_MESSAGE_OUTPUT (64) | ADEXP_IFPL_MESSAGE_INPUT (67) | ADEXP_IFPL_MESSAGE_OUTPUT (70)

INDICATOR_ICAO

BNF: [OAT_INDICATOR | IFR_INDICATOR | GAT_INDICATOR | VFR_INDICATOR]

DOC: Detailed Definition: Indicates a VFR, IFR, GAT or OAT type of flight;
Value Definition:
Consistency Rules:

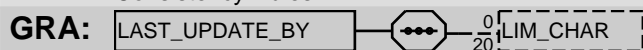


PAR: POINT_ROUTE_ITEM (207)

LAST_UPDATE_BY

BNF: 0{ LIM_CHAR }20

DOC: Detailed Definition: userid of the person that has last updated the Alarm Info;
Value Definition:
Consistency Rules:

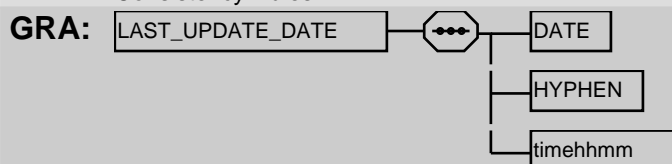


PAR: SAFA_ALARM_INFO (211)

LAST_UPDATE_DATE

BNF: DATE + HYPHEN + timehhmm

DOC: Detailed Definition: Date and Time at which the Alarm Info was last updated;
Value Definition:
Consistency Rules:

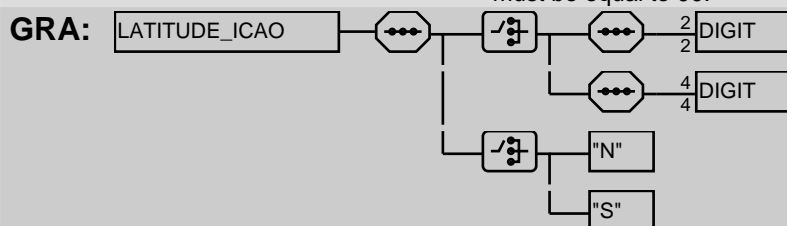


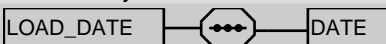

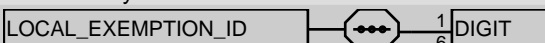
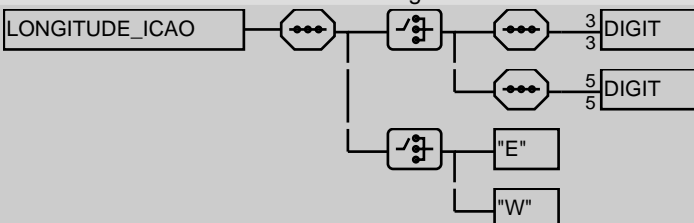
PAR: SAFA_ALARM_INFO (211)

LATITUDE_ICAO

BNF: [2{ DIGIT }2 | 4{ DIGIT }4] + ["N" | "S"]

DOC: Detailed Definition: 1. Geographical latitude expressed in degrees, minutes.;
Value Definition:
Consistency Rules: 1. Pos 1 thru 2 :degrees : 00 thru 90 pos 3 thru 4(if present) : minutes : 00 thru 59 last pos : [N | S], N = North and S = South. 2. If degrees = 90 then minutes must be equal to 00.



PAR: [GEO_ICAO_POINT_ID](#) (189)**LOAD_DATE****BNF:** [DATE](#)**DOC:** Detailed Definition: (1) Date the archive session was run ;
Value Definition:
Consistency Rules:**GRA:** **PAR:** [IFPS_EVT_RECORD](#) (193) | [MSG_FLT_RECORD](#) (198) | [IFPS_EVT_MSG_RECORD](#) (193) | [IFPS_EVT_ERR_RECORD](#) (192) | [MSG_HAS_ADDR_RECORD](#) (200) | [IFPS_EVENT_ID](#) (191)**LOBD****BNF:** [DATE](#)**DOC:** Detailed Definition: (1) Last estimated off block date. ;
Value Definition:
Consistency Rules:**GRA:** **PAR:** [LOBDT](#) (168)**LOBT****BNF:** [timehhmm](#)**DOC:** Detailed Definition: (1) Last Estimated off block time as stored by TACT. (2) Used for suspended flights.;
Value Definition:
Consistency Rules:**GRA:** **PAR:** [LOBDT](#) (168)**LOCAL_EXEMPTION_ID****BNF:** 1{ [DIGIT](#) }6**DOC:** Detailed Definition: Unique reference to an exemption criteria record. System generated;
Value Definition:
Consistency Rules:**GRA:** **PAR:** [SAFA_EXEMPTION_CRITERIA](#) (214) | [MATCHING_EXEMPTION_ID](#) (198)**LONGITUDE_ICAO****BNF:** [3{ [DIGIT](#) }3 | 5{ [DIGIT](#) }5] + ["E" | "W"]**DOC:** Detailed Definition: 1. Geographical longitude expressed in degrees, and minutes.;
Value Definition:
Consistency Rules: 1. Pos 1 thru 3 : degrees : 00 thru 180 pos 4 thru 5(ifpresent) : minutes : 00 thru 59 last pos : ["E" | "W"] E = East and W = West. 2. If degrees = 180 then minutes must be equal to 00.**GRA:** **PAR:** [EET](#) (184) | [GEO_ICAO_POINT_ID](#) (189)**MAIL_SUBJECT**

BNF: 1{ LIM_CHAR }250

DOC: Detailed Definition: Subject line of the mail message;
 Value Definition:
 Consistency Rules:

GRA: MAIL_SUBJECT — [] — 1 LIM_CHAR

PAR: ALERT_MESSAGE (173)**MATCHING_EXEMPTION_ID****BNF:** [GLOBAL_EXEMPTION_ID | LOCAL_EXEMPTION_ID]

DOC: Detailed Definition: Id of the corresponding Exemption;
 Value Definition:
 Consistency Rules: When present indicates that the flight has been filtered out by the corresponding exemption, and thus that no alert is needed for this selection criteria. When absent, the flight is not filtered out. (normal case)

GRA: MATCHING_EXEMPTION_ID — [] — GLOBAL_EXEMPTION_ID
 LOCAL_EXEMPTION_ID

PAR: SAFA_MATCHED_FLIGHT (214)**MESSAGE_BODY****BNF:** 1{ LIM_CHAR }4000

DOC: Detailed Definition: The content of the mail or network message. The disclaimer part of the message is not included;
 Value Definition:
 Consistency Rules: 1° Control Codes are converted to the sequence “^” + character corresponding to the ACSII value of the control code + 64. So that linefeed becomes “^J”.

GRA: MESSAGE_BODY — [] — 1 LIM_CHAR

PAR: ALERT_MESSAGE (173)**MSG_FLT_FILE****BNF:** IFPS_DYN_VERSION + CR + 0{ MSG_FLT_RECORD + CR }

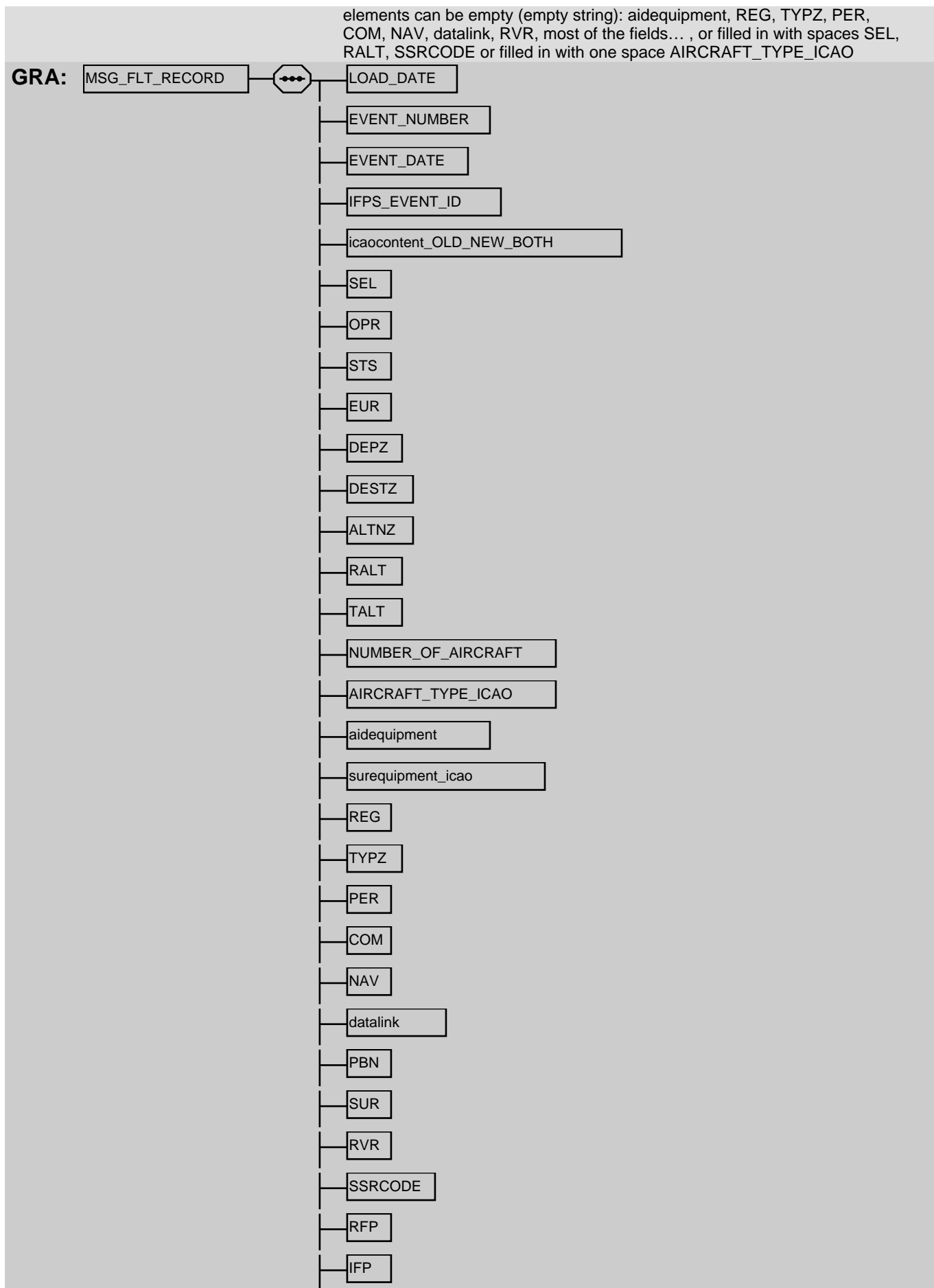
DOC: Detailed Definition: (1) A file containing the flight plan data associated to events occurred in the IFPS system. ;
 Value Definition:
 Consistency Rules:

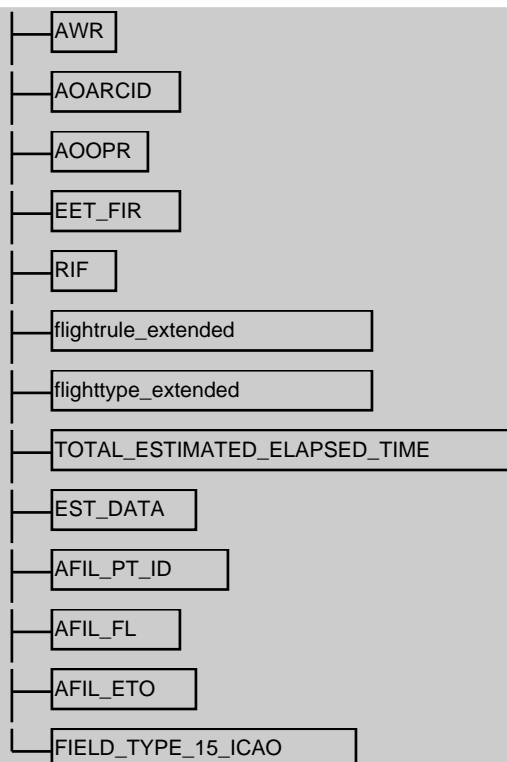
GRA: MSG_FLT_FILE — [] — IFPS_DYN_VERSION
 CR
 0 inf [] — MSG_FLT_RECORD
 CR

PAR: IFPS_TO_DWH (17)**MSG_FLT_RECORD**

BNF: LOAD_DATE + EVENT_NUMBER + EVENT_DATE + IFPS_EVENT_ID + icaocontent_OLD_NEW_BOTH + SEL + OPR + STS + EUR + DEPZ + DESTZ + ALTNZ + RALT + TALT + NUMBER_OF_AIRCRAFT + AIRCRAFT_TYPE_ICAO + aidequipment + surequipment_icao + REG + TYPZ + PER + COM + NAV + datalink + PBN + SUR + RVR + SSRCODE + RFP + IFP + AWR + AOARCID + AOOPR + EET_FIR + RIF + flightrule_extended + flighttype_extended + TOTAL_ESTIMATED_ELAPSED_TIME + EST_DATA + AFIL_PT_ID + AFIL_FL + AFIL_ETO + FIELD_TYPE_15_ICAO

DOC: Detailed Definition: Event occurred in the IFPS system, usually as an action performed on a flight plan data record (FPD) or on a flight plan message (EFPM). ;
 Value Definition:
 Consistency Rules: 1. Each element is enclosed in double quotes 2. Two consecutives elements are separated by commas. 3. When not applicable for a given event, some





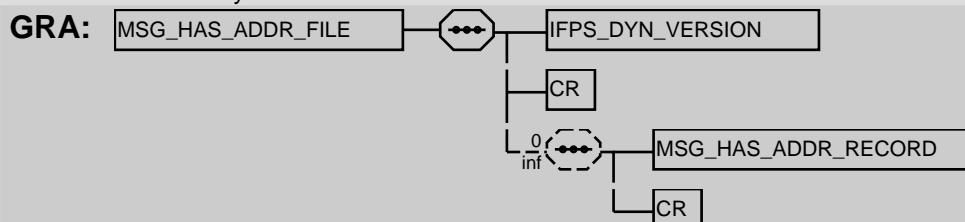
PAR: MSG_FLT_FILE (198)

MSG_HAS_ADDR_FILE

BNF: IFPS_DYN_VERSION + CR + 0{ MSG_HAS_ADDR_RECORD + CR }

DOC: Detailed Definition: (1) A file containing the addresses of the messages associated to events occurred in the IFPS system. ;

Value Definition:
Consistency Rules:



PAR: IFPS_TO_DWH (17)

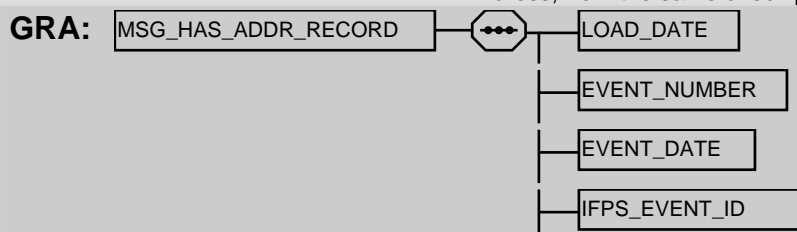
MSG_HAS_ADDR_RECORD

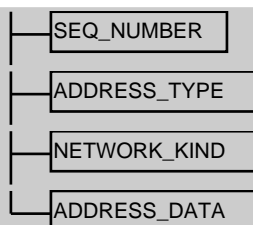
BNF: LOAD_DATE + EVENT_NUMBER + EVENT_DATE + IFPS_EVENT_ID + SEQ_NUMBER + ADDRESS_TYPE + NETWORK_KIND + ADDRESS_DATA

DOC: Detailed Definition: An event occurred in the IFPS system, usually as an action performed on a flight plan data record (FPD) or on a flight plan message (EFPM). ;

Value Definition:
Consistency Rules:

1. Each element is enclosed in double quotes 2. Two consecutives elements are separated by commas. 3. When not applicable for a given event, some elements can be empty (empty string): 4. NUMBER is increased for each address, from the same check point



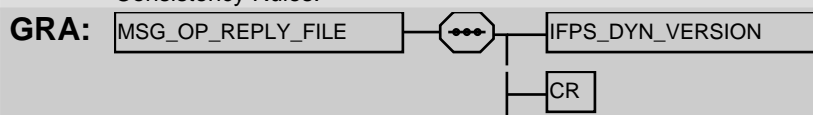


PAR: MSG_HAS_ADDR_FILE (200)

MSG_OP_REPLY_FILE

BNF: IFPS_DYN_VERSION + CR + 0{ }0

DOC: Detailed Definition: (1) An empty file of the IFPS archive run. ;
Value Definition:
Consistency Rules:

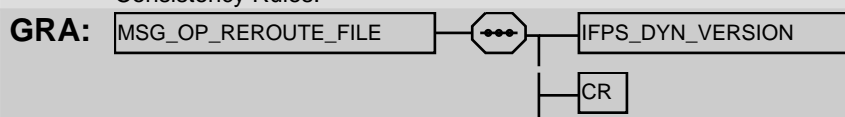


PAR: IFPS_TO_DWH (17)

MSG_OP_REROUTE_FILE

BNF: IFPS_DYN_VERSION + CR + 0{ }0

DOC: Detailed Definition: (1) An empty file of the IFPS archive run. ;
Value Definition:
Consistency Rules:

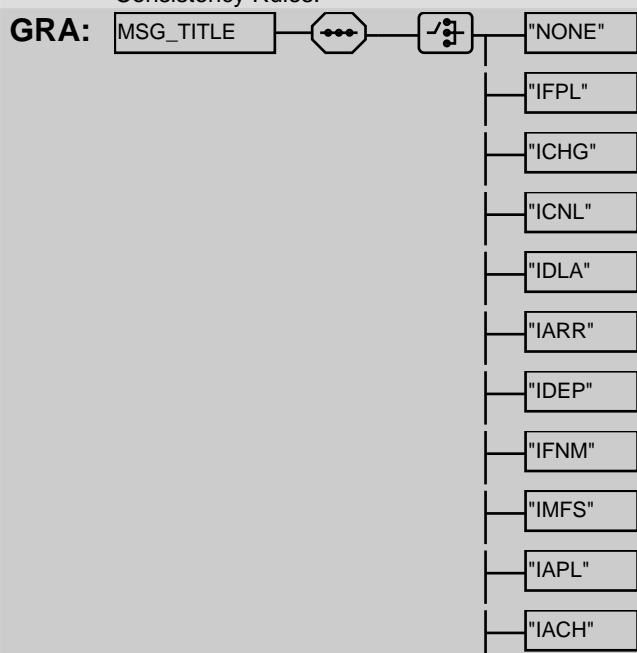


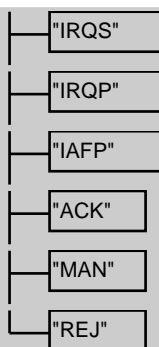
PAR: IFPS_TO_DWH (17)

MSG_TITLE

BNF: ["NONE" | "IFPL" | "ICHG" | "ICNL" | "IDLA" | "IARR" | "IDEP" | "IFNM" | "IMFS" | "IAPL" | "IACH" | "IRQS" | "IRQP" | "IAFP" | "ACK" | "MAN" | "REJ"]

DOC: Detailed Definition: Title of the message relative to the event.
Value Definition:
Consistency Rules:





PAR: [IFPS_EVT_RECORD](#) (193)

NAME_INFO

BNF: 1{ [ALPHANUM](#) }64

DOC: Detailed Definition: (1) Name of the virtual node (QQQ only VN?) having created the event.;
Value Definition:
Consistency Rules:

GRA: NAME_INFO — — 1/64 ALPHANUM

PAR: [IFPS_EVT_RECORD](#) (193)

NAS_PROFILE

BNF: [COUNTRY_CODE_LIST](#)

DOC: Detailed Definition: String with the list of the ICAO 2-letters country code of the traversed National Airspace (ordered from 1st traversed to last traversed);
Value Definition:
Consistency Rules: String limited to 250 char

GRA: NAS_PROFILE — — COUNTRY_CODE_LIST

PAR: [SAFA_MATCHED_FLIGHT](#) (214)

NAV

BNF: 1{ [LIM_CHAR](#) }50

DOC: Detailed Definition: (1) Significant data related to navigation equipment as required by the appropriate ATS authority ; (2). IFPS shall determine the presence of "RNAVX" and "RNAVINOP" indicators within the NAV string. When present in input, the "RNAVX" and RNAVINOP" indicators will start the NAV string in output by IFPS

Value Definition:
Consistency Rules:

GRA: NAV — — 1/50 LIM_CHAR

PAR: [nav](#) (108) | [FIELD_TYPE_18_ICAO](#) (32) | [MSG_FLT_RECORD](#) (198)

NAVIGATION_AID_ID

BNF: 2{ [ALPHABETIC](#) }3

DOC: Detailed Definition: (1) ICAO identification for a NAVIGATION_AID. ;
Value Definition:
Consistency Rules:

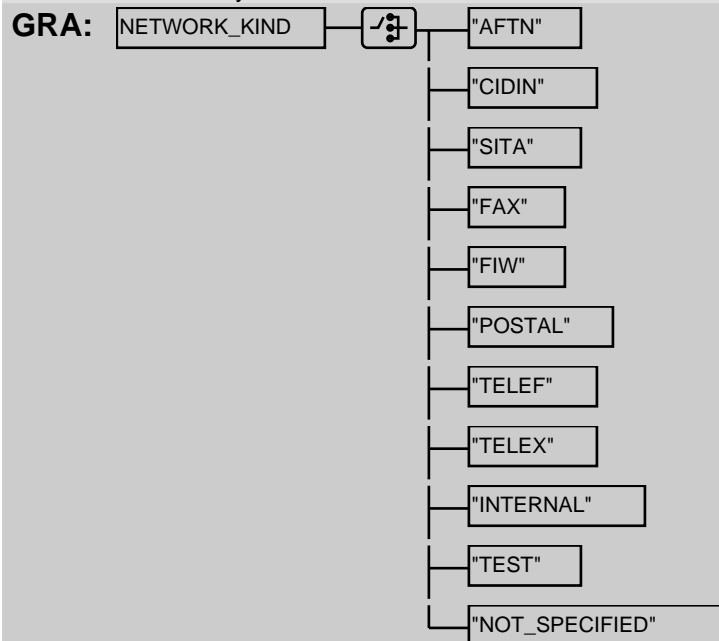
GRA: NAVIGATION_AID_ID — — 2/3 ALPHABETIC

PAR: [SIGNIFICANT_POINT_ID](#) (216)

NETWORK_KIND

BNF: ["AFTN" | "CIDIN" | "SITA" | "FAX" | "FIW" | "POSTAL" | "TELEF" | "TELEX" | "INTERNAL" | "TEST" | "NOT_SPECIFIED"]

DOC: Detailed Definition: Kind of network used.;
Value Definition:
Consistency Rules:



PAR: [MSG_HAS_ADDR_RECORD](#) (200)

NETWORK_TYPE

BNF: 2{ [ALPHANUM](#) }10

DOC: Detailed Definition: network type part of a network address;
Value Definition:
Consistency Rules:



PAR: [networktype](#) (109) | [RCA_ADDRESS](#) (169)

NUMBER_OF_AIRCRAFT

BNF: 1{ [DIGIT](#) }2

DOC: Detailed Definition: Total number of aircraft if more than one;
Value Definition:
Consistency Rules:

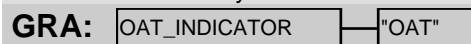


PAR: [nbarc](#) (109) | [FIELD_TYPE_9_ICAO](#) (39) | [MSG_FLT_RECORD](#) (198)

OAT_INDICATOR

BNF: "OAT"

DOC: Detailed Definition: (1) Indicator of operational traffic section of route;
Value Definition:
Consistency Rules:

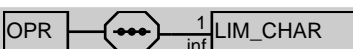


PAR: [INDICATOR_ICAO](#) (196)

OPR

BNF: 1{ [LIM_CHAR](#) }

DOC: Detailed Definition: Name of the aircraft operator;
Value Definition:
Consistency Rules: Size limited to 150 in FAAS

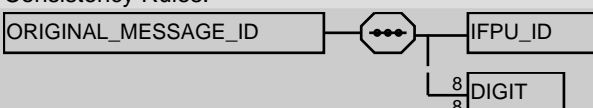
GRA: 

PAR: [opr](#) (110) | [FIELD_TYPE_18_ICAO](#) (32) | [MSG_FLT_RECORD](#) (198) | [SAFA_MATCHED_FLIGHT](#) (214) | [SAFA_SELECTION_CRITERIA](#) (215)

ORIGINAL_MESSAGE_ID

BNF: [IFPU_ID](#) + 8{ [DIGIT](#) }8

DOC: Detailed Definition: (1) Internal number of an original message within the IFPS system.;
Value Definition:
Consistency Rules:


GRA: 

PAR: [IFPS_EVT_RECORD](#) (193)

ORIGINATOR_STATE

BNF: 1{ [LIM_CHAR](#) }50

DOC: Detailed Definition: Name of the state at the origin of the Alarm;
Value Definition:
Consistency Rules:

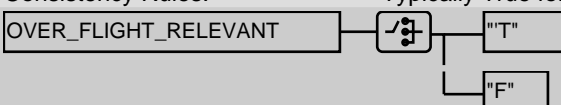
GRA: 

PAR: [SAFA_ALARM_INFO](#) (211)

OVER_FLIGHT_RELEVANT

BNF: ["T" | "F"]

DOC: Detailed Definition: Indicates whether the Alarm is considered for over flight in case of flights departing from outside the country scope area;
Value Definition: • T : True. Overflights are considered • F : False.
Consistency Rules: Typically True for Alarm Level EC_BLACKLIST_ALERT, and False otherwise.

GRA: 

PAR: [SAFA_ALARM_INFO](#) (211)

PARAMETER_COL_HEADINGS

BNF: 1{ [LIM_CHAR](#) }

DOC: Detailed Definition: A comma separated string, with the names of the fields in the file. Useful when loading in Excel or debugging. Skipped by DWH;
Value Definition:
Consistency Rules:

GRA: 

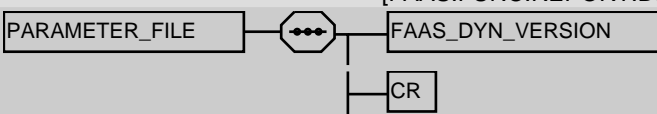
PAR: [PARAMETER_FILE](#) (204)

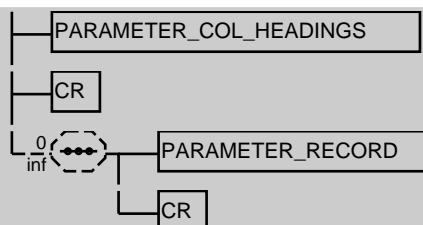
PARAMETER_FILE

BNF: [FAAS_DYN_VERSION](#) + CR + [PARAMETER_COL_HEADINGS](#) + CR + 0{ [PARAMETER_RECORD](#) + CR }

DOC: Detailed Definition: (1) A file defining the system parameters in terms of parameter name and value. ;

Value Definition:
Consistency Rules: Contains all the parameters which are displayed in the corresponding Portal screen, as defined in SAFA requirement [FAAS.FUNC.REPORT.DISPLAY.007].

GRA: 

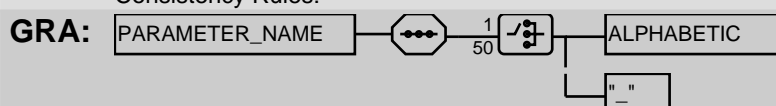


PAR: [FAAS_TO_DWH](#) (17)

PARAMETER_NAME

BNF: 1{ [[ALPHABETIC](#) | "_"] }50

DOC: Detailed Definition: The name of a system parameter;
Value Definition:
Consistency Rules:

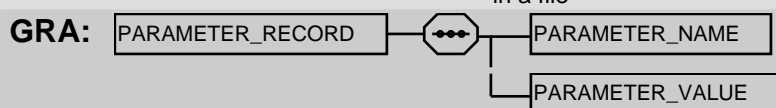


PAR: [PARAMETER_RECORD](#) (205)

PARAMETER_RECORD

BNF: [PARAMETER_NAME](#) + [PARAMETER_VALUE](#)

DOC: Detailed Definition: A name, value couple indicating the name and the value of a parameter. ;
Value Definition:
Consistency Rules: 1. Each element is enclosed in double quotes 2. Two consecutives elements are separated by commas. 3. A given name may not appear more than once in a file

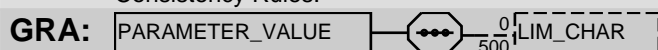


PAR: [PARAMETER_FILE](#) (204)

PARAMETER_VALUE

BNF: 0{ [LIM_CHAR](#) }500

DOC: Detailed Definition: The value of a parameter;
Value Definition:
Consistency Rules:

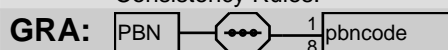


PAR: [PARAMETER_RECORD](#) (205)

PBN

BNF: 1{ [pbncode](#) }8

DOC: Detailed Definition: (1) Indication of RNAV and/or RNP capabilities in field 18 ;
Value Definition:
Consistency Rules:

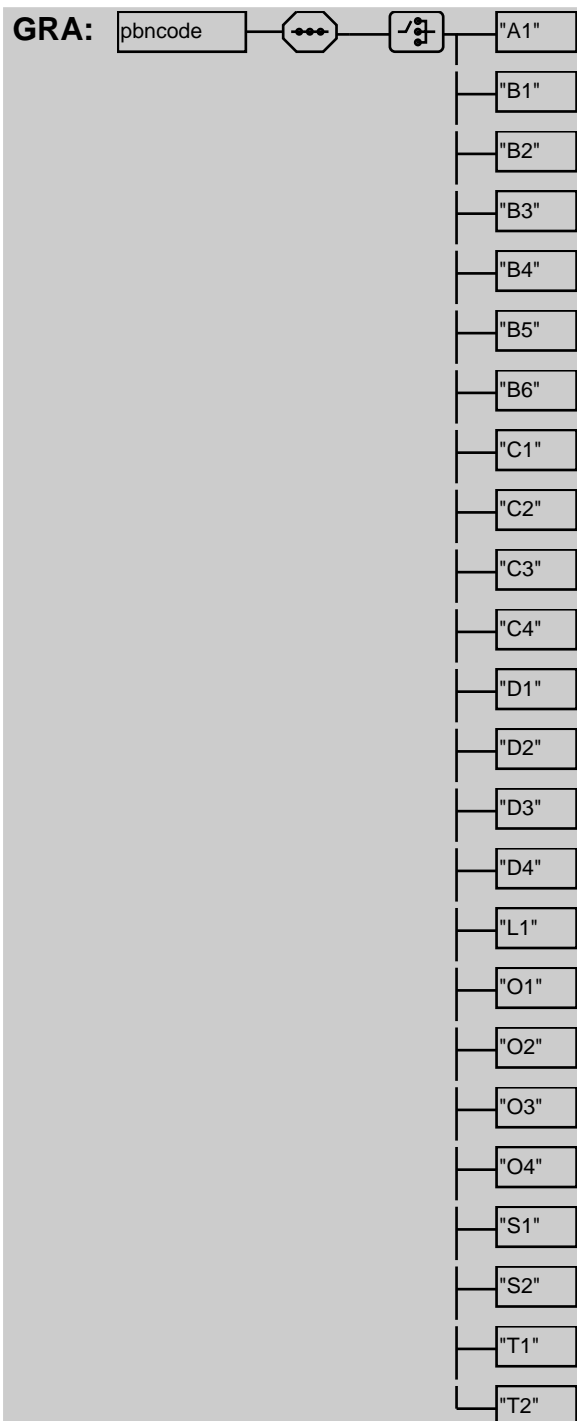


PAR: [pbn](#) (112) | [FIELD_TYPE_18_ICAO](#) (32) | [MSG_FLT_RECORD](#) (198)

pbncode

BNF: ["A1" | "B1" | "B2" | "B3" | "B4" | "B5" | "B6" | "C1" | "C2" | "C3" | "C4" | "D1" | "D2" | "D3" | "D4" | "L1" | "O1" | "O2" | "O3" | "O4" | "S1" | "S2" | "T1" | "T2"]

DOC: Detailed Definition: (1) ICAO code to represent the RNAV and/or RNP capabilities of an aircraft ;
Value Definition:
Consistency Rules:

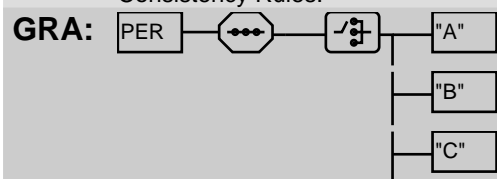


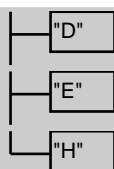
PAR: [PBN](#) (205)

PER

BNF: ["A" | "B" | "C" | "D" | "E" | "H"]

DOC: Detailed Definition: (1) Aircraft performance data as in ICAO filed18 PER/. ;
 Value Definition:
 Consistency Rules:





PAR: [per](#) (112) | [FIELD_TYPE_18_ICAO](#) (32) | [MSG_FLT_RECORD](#) (198)

PLUS_INDICATOR

BNF: "PLUS"

DOC: Detailed Definition: (1) Used inCruise Climb to indicate climb to unspecified altitude ;
Value Definition:
Consistency Rules:

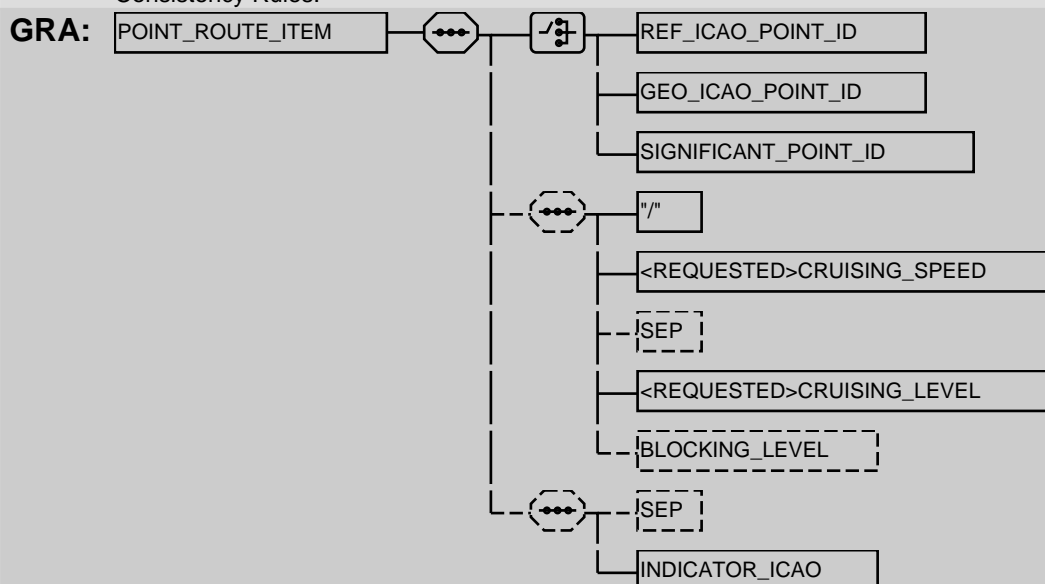
GRA: PLUS_INDICATOR — "PLUS"

PAR: [crlf2](#) (88) | [CRUISE_CLIMB_ITEM](#) (180)

POINT_ROUTE_ITEM

BNF: [[REF_ICAO_POINT_ID](#) | [GEO_ICAO_POINT_ID](#) | [SIGNIFICANT_POINT_ID](#)] + ("/" +
<REQUESTED>[CRUISING_SPEED](#) + ([SEP](#)) + <REQUESTED>[CRUISING_LEVEL](#) + ([BLOCKING_LEVEL](#))) + ([SEP](#)) + [INDICATOR_ICAO](#))

DOC: Detailed Definition: (1) ICAO definition of a point construct as it appears in field 15 ;
Value Definition:
Consistency Rules:



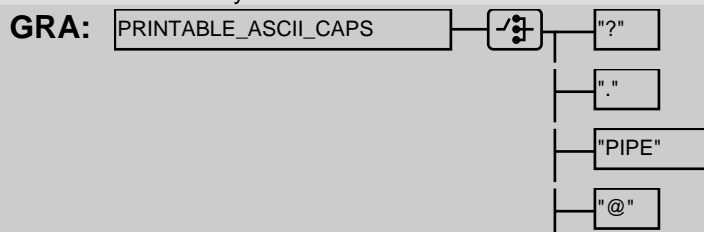
PAR: [FIELD_TYPE_15C_ICAO](#) (30)

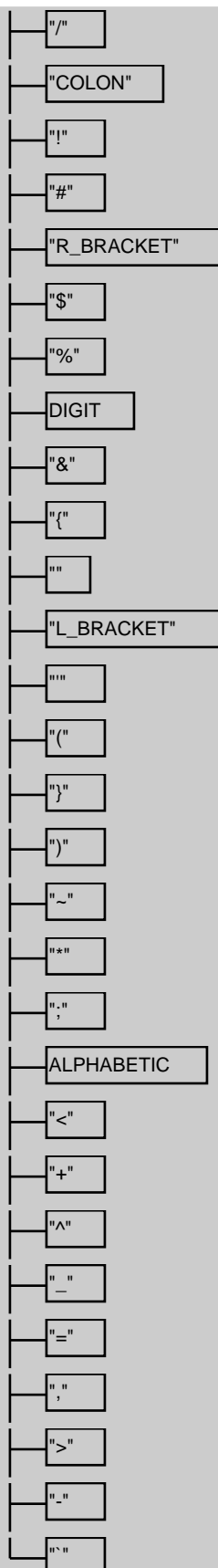
PRINTABLE_ASCII_CAPS

BNF: ["?" | "." | "PIPE" | "@" | "/" | "COLON" | "!" | "#" | "R_BRACKET" | "\$" | "%" | [DIGIT](#) | "&" | "{" | "}" | "L_BRACKET" | "[]" | "(" | ")" | "~" | "*" | ";" | [ALPHABETIC](#) | "<" | "+" | "^" | "_" | "=" | "," | ">" | "-" | " "]

DOC: Detailed Definition: A character which is either alphabetic (uppercase), numeric or one of the special characters. ;

Value Definition:
Consistency Rules:





PAR: [COMMENT11](#) (149) | [COMMENT8](#) (149) | [DESTINATION_ID](#) (150) | [FREE_TEXT](#) (153) | [IFPS_RPL_INFO_RECORD](#) (156) | [IFPS_RPL_TRAILER_RECORD](#) (159) | [REFERENCE_NUMBER](#) (161) | [SUPPLEMENTARY_DATA](#) (164)

PROPOSED_ROUTE

BNF: [SOF](#) + "PROPOSEDROUTE" + 1{ [LIM_CHAR](#) }

DOC:	Detailed Definition:	(1) A FP Route to be proposed to the AO for refiling. Used when the FP has become suspended by FP revalidation;
	Value Definition:	
	Consistency Rules:	1) Loose concatenation applies
GRA:		

PAR: [REVALIDATION_SUSPENSION](#) (210)

RALT

BNF: 1{ [LIM_CHAR](#) }100

DOC: Detailed Definition: Name of en-route alternate aerodromes;
Value Definition:
Consistency Rules:

GRA:

PAR: [ralt](#) (116) | [FIELD_TYPE_18_ICAO](#) (32) | [MSG_FLT_RECORD](#) (198)

RECEPTION_DATE

BNF: [DATE](#) + [HYPHEN](#) + [timehhmm](#)

DOC: Detailed Definition: Datetime at which the Alarm has been raised;
Value Definition:
Consistency Rules:

GRA:

PAR: [SAFA_ALARM_INFO](#) (211)

RECIPIENTS

BNF: 1{ [LIM_CHAR](#) }500

DOC: Detailed Definition: Addresses of the recipients of a message. It is a string containing up to ten addresses (email or network addresses) that are space (or semi-colon) separated. ;
Value Definition:
Consistency Rules: This counts for only one CSV field. No search capability on this field in DWH

GRA:

PAR: [SAFA_ALARM_INFO](#) (211) | [ALERT_MESSAGE](#) (173)

REF_DISTANCE

BNF: 3{ [DIGIT](#) }3

DOC: Detailed Definition: (1) Distance in Nm from a point ;
Value Definition:
Consistency Rules:

GRA:

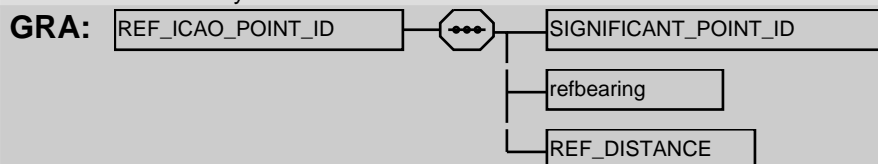
PAR: [REF_ICAO_POINT_ID](#) (209)

REF_ICAO_POINT_ID

BNF: [SIGNIFICANT_POINT_ID](#) + [refbearing](#) + [REF_DISTANCE](#)

DOC: Detailed Definition: (1) Point along a route defined by bearing and distance from a published point, given in the flight plan.;

Value Definition:
Consistency Rules:



PAR: [ARRIVAL_AERODROME_NAME](#) (176) | [ARRIVAL_AERODROME_NAME](#) (176) | [CRUISE_CLIMB_ITEM](#) (180) | [DEPZ](#) (182) | [DEPZ](#) (182) | [DESTZ](#) (183) | [DESTZ](#) (183) | [EET](#) (184) | [FIELD_TYPE_14_ICAO](#) (29) | [FIELD_TYPE_18_ICAO](#) (32) | [POINT_ROUTE_ITEM](#) (207)

REG

BNF: 1{ [LIM_CHAR](#) }50

DOC: Detailed Definition: (1) Aircraft registration markings as in ICAO filed18 REG/. ;
Value Definition:
Consistency Rules:

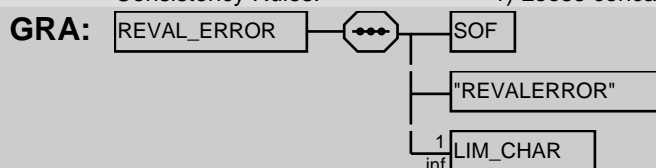


PAR: [reg](#) (117) | [FIELD_TYPE_18_ICAO](#) (32) | [MSG_FLT_RECORD](#) (198) | [SAFA_MATCHED_FLIGHT](#) (214) | [SAFA_SELECTION_CRITERIA](#) (215) | [SAFA_EXEMPTION_CRITERIA](#) (214)

REVAL_ERROR

BNF: [SOF](#) + "REVALERROR" + 1{ [LIM_CHAR](#) }

DOC: Detailed Definition: (1) Indication of a route error appeared during revalidation of the FP route, after the FP was successfully accepted by IFPS. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

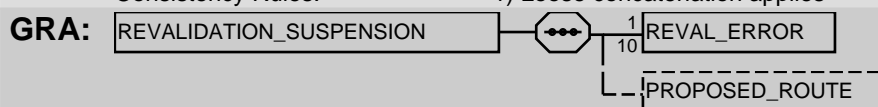


PAR: [REVALIDATION_SUSPENSION](#) (210)

REVALIDATION_SUSPENSION

BNF: 1{ [REVAL_ERROR](#) }10 + ([PROPOSED_ROUTE](#))

DOC: Detailed Definition: (1) Indication of a FP has become suspended by revalidation. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

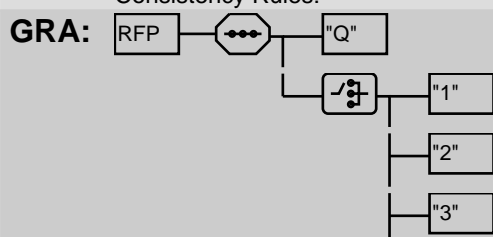


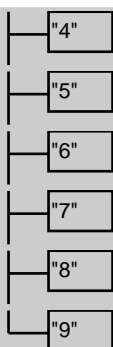
PAR: [ADEXP_ICHG_MESSAGE_OUTPUT](#) (53)

RFP

BNF: "Q" + ["1" | "2" | "3" | "4" | "5" | "6" | "7" | "8" | "9"]

DOC: Detailed Definition: Replacement flight plan indicator ;
Value Definition:
Consistency Rules:



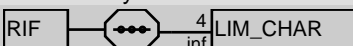


PAR: [rfp](#) (119) | [FIELD_TYPE_18_ICAO](#) (32) | [MSG_FLT_RECORD](#) (198)

RIF

BNF: 4{ [LIM_CHAR](#) }

DOC: Detailed Definition: Revised route subject to clearance in flight and terminating with the ICAO designator of the revised aerodrome of destination (see also ICAO field18 RIF/);
Value Definition:
Consistency Rules:

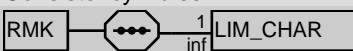
GRA: 

PAR: [rif](#) (119) | [FIELD_TYPE_18_ICAO](#) (32) | [MSG_FLT_RECORD](#) (198)

RMK

BNF: 1{ [LIM_CHAR](#) }

DOC: Detailed Definition: Plain language remarks;
Value Definition:
Consistency Rules:

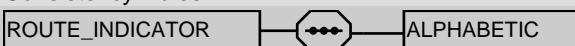
GRA: 

PAR: [rmk](#) (119) | [FIELD_TYPE_18_ICAO](#) (32) | [SAFA_MATCHED_FLIGHT](#) (214)

ROUTE_INDICATOR

BNF: [ALPHABETIC](#)

DOC: Detailed Definition: (1) Indicator which distinguishes the different terminal procedures using the same SIGNIFICANT_POINT ;
Value Definition: ["A" .. "Z" ;]
Consistency Rules:


GRA: 

PAR: [ARRIVAL_PROCEDURE_ICAO_ID](#) (176) | [DEPARTURE_PROCEDURE_ICAO_ID](#) (182)

RVR

BNF: 1{ [DIGIT](#) }3

DOC: Detailed Definition: Runway Visibility Range. Minimum visible range in meters for a flight to land.;
Value Definition: value_definition ;;
Consistency Rules:

GRA: 

PAR: [rvr](#) (120) | [FIELD_TYPE_18_ICAO](#) (32) | [MSG_FLT_RECORD](#) (198)

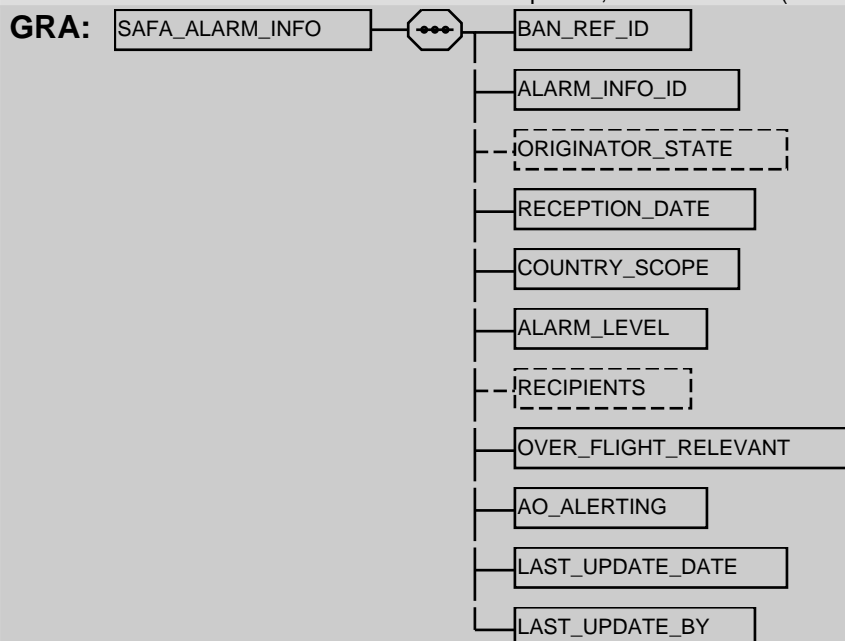
SAFA_ALARM_INFO

BNF: [BAN_REF_ID](#) + [ALARM_INFO_ID](#) + ([ORIGINATOR_STATE](#)) + [RECEPTION_DATE](#) + [COUNTRY_SCOPE](#) + [ALARM_LEVEL](#) + ([RECIPIENTS](#)) + [OVER_FLIGHT_RELEVANT](#) + [AO_ALERTING](#) + [LAST_UPDATE_DATE](#) + [LAST_UPDATE_BY](#)

DOC: Detailed Definition: The main Safa Alarm information. ;
Value Definition:

Consistency Rules:

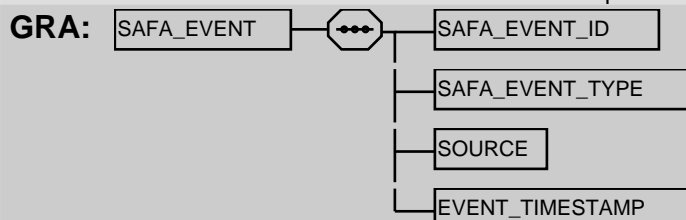
1° The values are comma separated; 2° For optional fields, it's the value that is optional, not the comma (usual CSV convention)

**PAR:** SAFA_EVT_RECORD (213)**SAFA_EVENT****BNF:** SAFA_EVENT_ID + SAFA_EVENT_TYPE + SOURCE + EVENT_TIMESTAMP**DOC:** Detailed Definition: The mandatory fields of a SAFA event ;

Value Definition:

Consistency Rules:

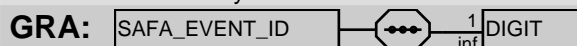
1. The values are comma separated; 2. For optional fields, it's the value that is optional, not the comma (usual CSV convention) 3. Each element is enclosed in double quotes

**PAR:** SAFA_EVT_RECORD (213)**SAFA_EVENT_ID****BNF:** 1{ DIGIT }**DOC:** Detailed Definition: Unique id assigned by the system to the event;

Value Definition:

Consistency Rules:

Incremented for each event

**PAR:** SAFA_EVENT (212)**SAFA_EVENT_TYPE****BNF:** 6{ LIM_CHAR }10**DOC:** Detailed Definition:

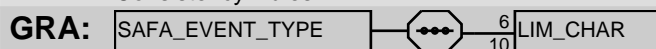
Value Definition:

Kind of event in SAFA application ;

- ALM_CRE – Alarm Created
- ALM_UPD – Alarm Updated
- ALM_DEL – Alarm Deleted
- ALM_CFM – Alarm Confirmation message generated
- ALM_REP – Alarm report generated
- MAT_NEW – first time the flight matches that selection criteria or when still matching and no longer exempted (EXMP_ID suppressed)
- MAT_UPD – new flight message still matches the selection criteria
- MAT_END – Flight no longer matches the selection criteria

• ALT_NEW – New Alert message generated • ALT_UPD – Update Alert message generated • ALT_CNL – Cancel Alert message generated • ALT_REP – Alert Report generated • CTY_UPD – Country updated • CTY_REP – Country Report generated • FLT_CNL – Flight Cancelled (CNL message) • FLT_CLS – Flight Closed • AOT_UPD – AO Template updated • ORIG_ALT – AO Alert message transmitted to Originator • AOCC_ALT – AO Alert message transmitted to AOCC • AOCC_NAD – No AOCC address found

Consistency Rules:



PAR: [SAFA_EVENT](#) (212)

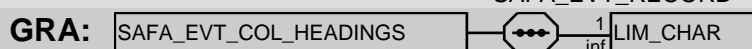
SAFA_EVT_COL_HEADINGS

BNF: 1{ [LIM_CHAR](#) }

DOC: Detailed Definition: A comma separated string, with the names of the fields in the file. Useful when loading in Excel or debugging. Skipped by DWH;

Value Definition:

Consistency Rules: The sequence of names correspond to the fields appearing in SAFA_EVT_RECORD



PAR: [SAFA_EVT_FILE](#) (213)

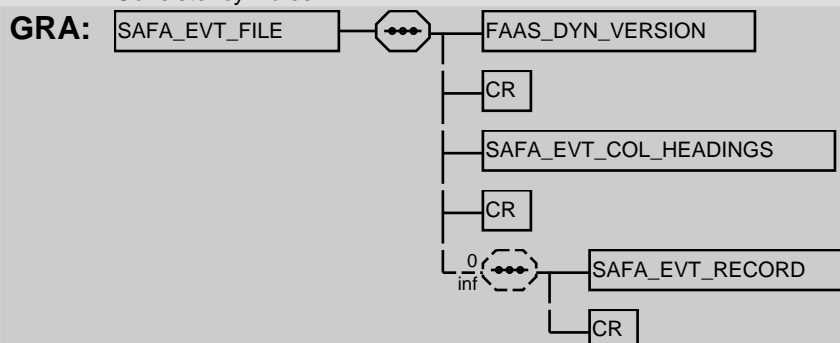
SAFA_EVT_FILE

BNF: [FAAS_DYN_VERSION](#) + CR + [SAFA_EVT_COL_HEADINGS](#) + CR + 0{ [SAFA_EVT_RECORD](#) + CR }

DOC: Detailed Definition: (1) A file containing the SAFA events occurred in the FAAS system. The file is produced daily. ;

Value Definition:

Consistency Rules:



PAR: [FAAS_TO_DWH](#) (17)

SAFA_EVT_RECORD

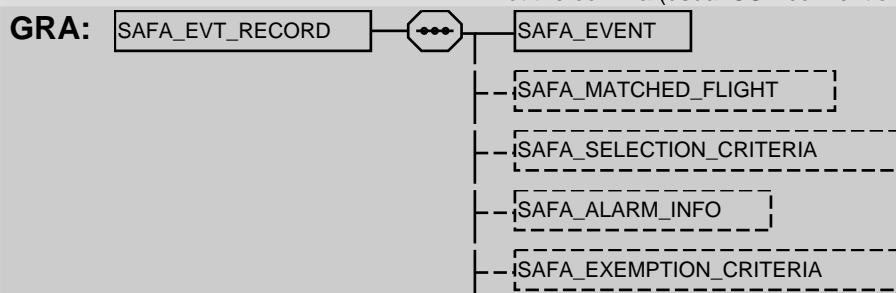
BNF: [SAFA_EVENT](#) + ([SAFA_MATCHED_FLIGHT](#)) + ([SAFA_SELECTION_CRITERIA](#)) + ([SAFA_ALARM_INFO](#)) + ([SAFA_EXEMPTION_CRITERIA](#)) + ([ALERT_MESSAGE](#))

DOC: Detailed Definition: A SAFA event occurred in the FAAS system, whether from a manual operation or an automatic one. ;

Value Definition:

Consistency Rules:

1. Each element is enclosed in double quotes 2. Two consecutives elements are separated by commas. 3. For optional fields, it's the value that is optional, not the comma (usual CSV convention)



L - [ALERT_MESSAGE]

PAR: SAFA_EVT_FILE (213)**SAFA_EXEMPTION_CRITERIA**

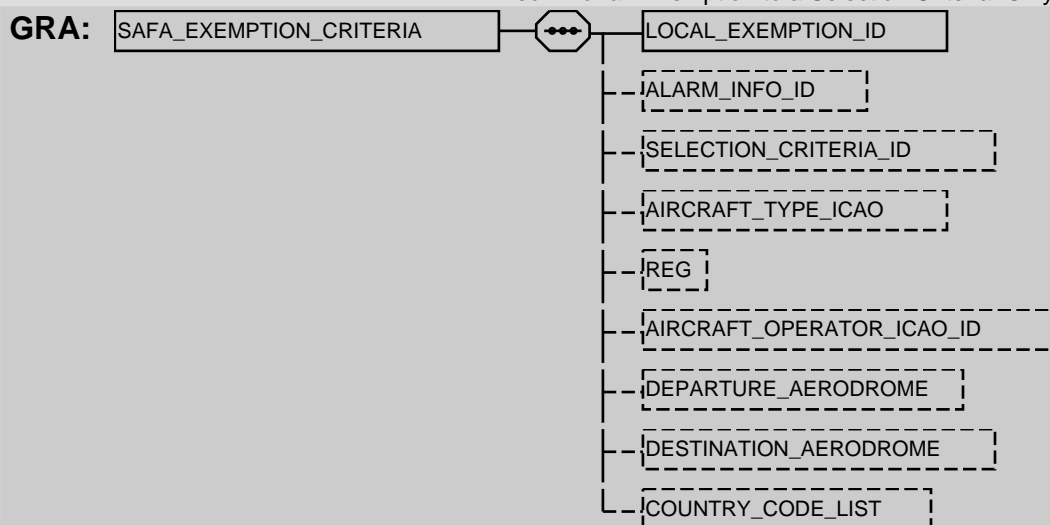
BNF: LOCAL_EXEMPTION_ID + (ALARM_INFO_ID) + (SELECTION_CRITERIA_ID) + (AIRCRAFT_TYPE_ICAO) + (REG) + (AIRCRAFT_OPERATOR_ICAO_ID) + (DEPARTURE_AERODROME) + (DESTINATION_AERODROME) + (COUNTRY_CODE_LIST)

DOC: Detailed Definition: A set of exemption elements used as whole for filtering out selected flights from Alert generation. It can be a country_scope exemption for an Alarm Info, or an exemption for a Selection Criteria. ;

Value Definition:

Consistency Rules:

1° The values are comma separated; 2° For optional fields, it's the value that is optional, not the comma (usual CSV convention). 3° The ALARM_INFO_ID is filled in for a Country scope exemption; the SELECTION_CRITERIA_ID is filled in for an Exemption to a Selection Criteria. Only one of the 2 is present

**PAR:** SAFA_EVT_RECORD (213)**SAFA_MATCHED_FLIGHT**

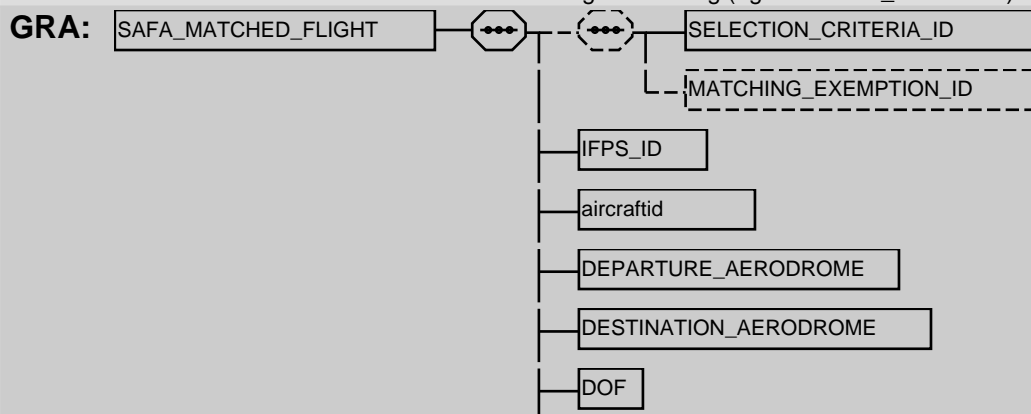
BNF: (SELECTION_CRITERIA_ID + (MATCHING_EXEMPTION_ID)) + IFPS_ID + aircraftid + DEPARTURE_AERODROME + DESTINATION_AERODROME + DOF + EOB + AIRCRAFT_TYPE_ICAO + (REG) + (OPR) + (<TTL_EET>timehhmm_elapsed) + (<ATA>timehhmm) + (ARRIVAL_AERODROME) + titleid + (AOARCID) + (AOOPR) + (<ALTRNT_1>ALTERNATE_AERODROME + (<ALTRNT_2>ALTERNATE_AERODROME)) + NAS_PROFILE + (STS) + (RMK) + flighttype

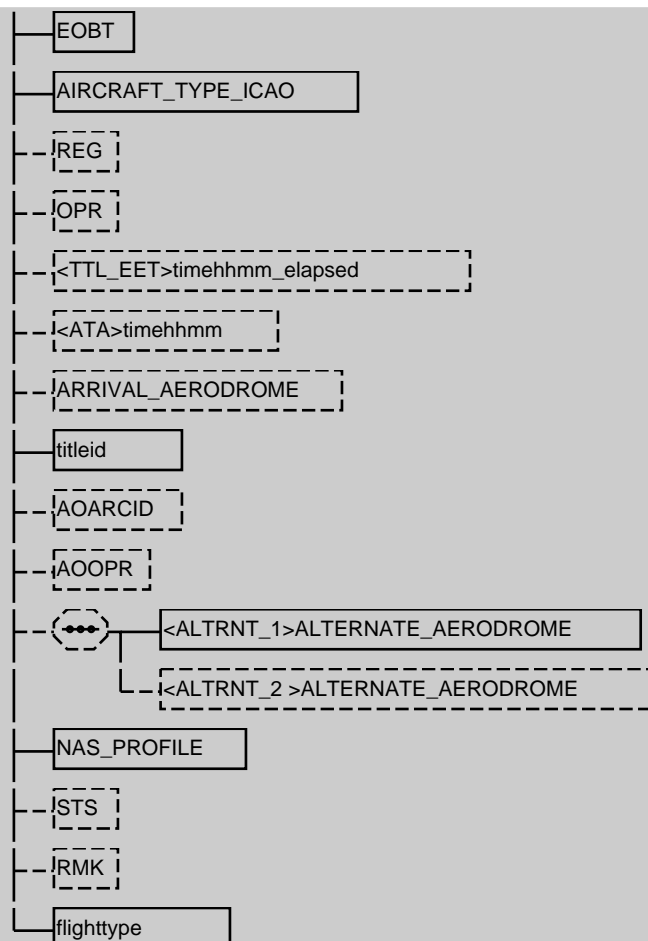
DOC: Detailed Definition: The fields of a flight matched by a SAFA Alarm. ;

Value Definition:

Consistency Rules:

1. Each element is enclosed in double quotes; 2. The values are comma separated; 3. For optional fields, it's the value that is optional, not the comma (usual CSV convention) 4. Selection Criteria id may be missing when the flight is no longer matching (eg with a FLT_CLS event)



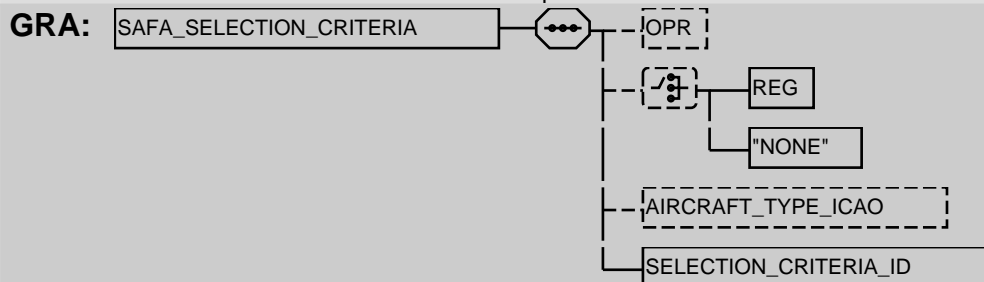


PAR: SAFA_EVT_RECORD (213)

SAFA_SELECTION_CRITERIA

BNF: (OPR) + ([REG | "NONE"]) + (AIRCRAFT_TYPE_ICAO) + SELECTION_CRITERIA_ID

DOC: Detailed Definition: A set of selection elements used as whole for detecting flights ;
 Value Definition:
 Consistency Rules: 1° The values are comma separated; 2° For optional fields, it's the value that is optional, not the comma (usual CSV convention). 3° OPR can contain the name of an AO or its 3 letter ICAO code. 4° At least one of the selection criteria is present.



PAR: SAFA_EVT_RECORD (213)

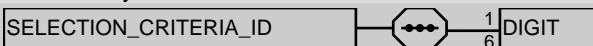
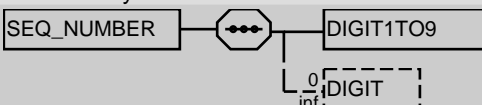
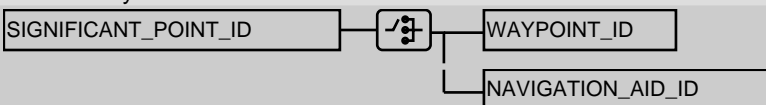


SEL

BNF: 4{ ALPHABETIC }5

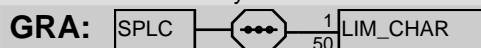
DOC: Detailed Definition: (1) SELCAL code as in ICAO field 18 SEL/. This is a number built into the aircraft when it is manufactured.;

Value Definition:
 Consistency Rules:



PAR: [sel](#) (121) | [FIELD_TYPE_18_ICAO](#) (32) | [MSG_FLT_RECORD](#) (198)**SELECTION_CRITERIA_ID****BNF:** 1{ [DIGIT](#) }6**DOC:** Detailed Definition: Unique reference to a selection criteria record. System generated;
Value Definition:
Consistency Rules:**GRA:** **PAR:** [SAFA_MATCHED_FLIGHT](#) (214) | [SAFA_SELECTION_CRITERIA](#) (215) | [SAFA_EXEMPTION_CRITERIA](#) (214)**SEQ_NUMBER****BNF:** [DIGIT1TO9](#) + 0{ [DIGIT](#) }**DOC:** Detailed Definition: (1) Sequence number, format without leading zeros.;
Value Definition:
Consistency Rules:**GRA:** **PAR:** [IFPS_EVT_MSG_RECORD](#) (193) | [MSG_HAS_ADDR_RECORD](#) (200)**SIGNIFICANT_POINT_ID****BNF:** [[WAYPOINT_ID](#) | [NAVIGATION_AID_ID](#)]**DOC:** Detailed Definition: (1) identification of a SIGNIFICANT_POINT ;
Value Definition: 1. Caution - may not be unique
Consistency Rules:**GRA:** **PAR:** [ARRIVAL_AERODROME_NAME](#) (176) | [CRUISE_CLIMB_ITEM](#) (180) | [DEPZ](#) (182) | [DESTZ](#) (183) | [EET](#) (184) | [FIELD_TYPE_14_ICAO](#) (29) | [FIELD_TYPE_18_ICAO](#) (32) | [ICAO_MFS_MESSAGE](#) (27) | [POINT_ROUTE_ITEM](#) (207) | [REF_ICAO_POINT_ID](#) (209) | [ARRIVAL_PROCEDURE_ICAO_ID](#) (176) | [DEPARTURE_PROCEDURE_ICAO_ID](#) (182)**SOURCE****BNF:** 1{ [LIM_CHAR](#) }10**DOC:** Detailed Definition: Source of the event. ;
Value Definition: - "SYS" : for an event generated by the system (eg at processing of an accepted FP message) - userid : for an event generated by a user
Consistency Rules:**GRA:** **PAR:** [SAFA_EVENT](#) (212)**SPLA****BNF:** 1{ [LIM_CHAR](#) }50**DOC:** Detailed Definition: (1)Colour of markings on aircraft, as ICAO field 19. ;
Value Definition:
Consistency Rules:**GRA:** **PAR:** [spla](#) (123) | [FIELD_TYPE_19_ICAO](#) (36)**SPLC****BNF:** 1{ [LIM_CHAR](#) }50**DOC:** Detailed Definition: (1) name of pilot in command ;
Value Definition:

Consistency Rules:

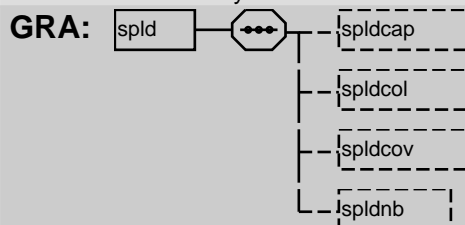


PAR: [splc](#) (123) | [FIELD_TYPE_19_ICAO](#) (36)

spld

BNF: ([spldcap](#)) + ([spldcol](#)) + ([spldcov](#)) + ([spldnb](#))

DOC: Detailed Definition: Groups together adexp primary fields concerned with dinghies data;
Value Definition:
Consistency Rules:

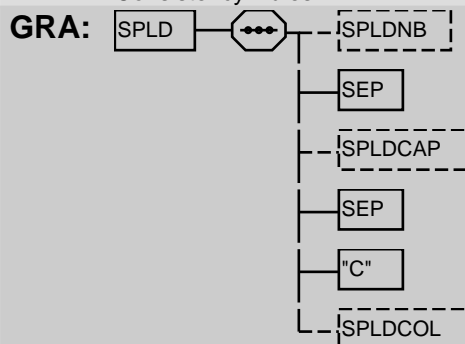


PAR: [ADEXP_IAFP_MESSAGE_INPUT](#) (43) | [ADEXP_ICHG_MESSAGE_INPUT](#) (50) | [ADEXP_IDLA_MESSAGE_INPUT](#) (61) | [ADEXP_IFPL_MESSAGE_INPUT](#) (67) | [FLIGHT_PLAN_DATA](#) (151)

SPLD

BNF: ([SPLDNB](#)) + [SEP](#) + ([SPLDCAP](#)) + [SEP](#) + ("C") + ([SPLDCOL](#))

DOC: Detailed Definition: (1) Dinghies: number, total capacity, covered or not, colour as ICAO field 19. ;
Value Definition:
Consistency Rules:

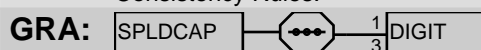


PAR: [FIELD_TYPE_19_ICAO](#) (36)

SPLDCAP

BNF: 1{ [DIGIT](#) }3

DOC: Detailed Definition: Total capacity in persons carried of alldinghies, as ICAO field19. ;
Value Definition:
Consistency Rules:



PAR: [spldcap](#) (123) | [SPLD](#) (217)

SPLDCOL

BNF: 1{ [LIM_CHAR](#) }50

DOC: Detailed Definition: Colour of dinghies, as ICAO field 19. ;
Value Definition:
Consistency Rules:



PAR: [spldcol](#) (124) | [SPLD](#) (217)

SPLDNB

BNF: 1{ [DIGIT](#) }2

DOC: Detailed Definition: Number of dinghies, as ICAO field 19. ;
 Value Definition:
 Consistency Rules: 1) Loose concatenation applies

GRA:

PAR: [spldnb](#) (124) | [SPLD](#) (217)

SPLN**BNF:** 1{ [LIM_CHAR](#) }

DOC: Detailed Definition: (1)Any other survival equipment and useful remarks, as ICAO field 19. ;
 Value Definition:
 Consistency Rules:

GRA:

PAR: [spln](#) (125) | [FIELD_TYPE_19_ICAO](#) (36)

SPLP**BNF:** 1{ [DIGIT](#) }3

DOC: Detailed Definition: (1) Persons on board as ICAO field 19 ;
 Value Definition:
 Consistency Rules:

GRA:

PAR: [splp](#) (125) | [FIELD_TYPE_19_ICAO](#) (36)

SRC**BNF:** ["RPL" | "FPL" | "AFIL" | "MFS" | "FNM" | "RQP" | "AFP" | "DIV" + [DESTINATION_AERODROME](#)]

DOC: Detailed Definition: Indication of the data source of a flight plan or associated message;
 Value Definition: DIV = Diversion; DESTINATION AERODROME contains the original aerodrome of destination as filed in the flight plan;

Consistency Rules:

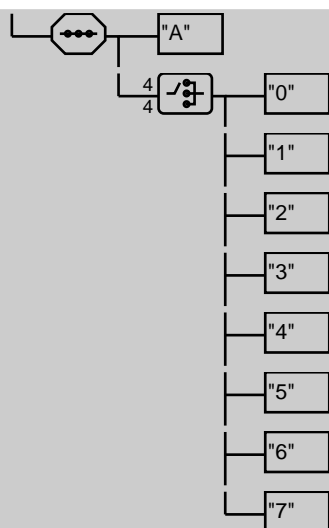
GRA:

PAR: [src](#) (126) | [FIELD_TYPE_18_ICAO](#) (32)

SSRCODE**BNF:** ["REQ" | "A" + 4{ ["0" | "1" | "2" | "3" | "4" | "5" | "6" | "7"] }4]

DOC: Detailed Definition: SSR mode and code or the letters REQ meaning requested.;
 Value Definition:
 Consistency Rules:

GRA:



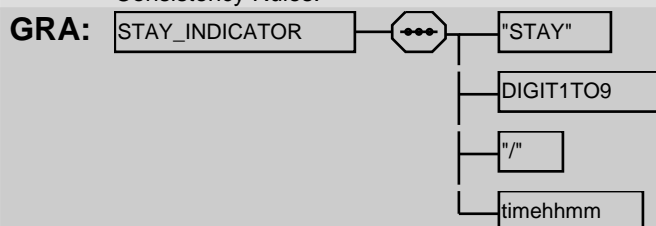
PAR: [ssrcode](#) (126) | [FIELD_TYPE_7BC_ICAO](#) (38) | [MSG_FLT_RECORD](#) (198)

STAY_INDICATOR

BNF: "STAY" + [DIGIT1TO9](#) + "/" + [timehhmm](#)

DOC: Detailed Definition: Indicates the time spent in an area (STAY area) by a flight doing special activities (training, air-air refuelling, photographic missions etc.)

Value Definition:
Consistency Rules:



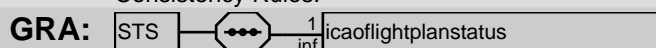
PAR: [FIELD_TYPE_15C_ICAO](#) (30)

STS

BNF: 1{ [icaoflightplanstatus](#) }

DOC: Detailed Definition: (1) reason for special handling from field18 ;

Value Definition:
Consistency Rules:



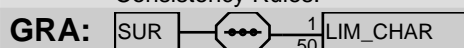
PAR: [sts](#) (128) | [FIELD_TYPE_18_ICAO](#) (32) | [MSG_FLT_RECORD](#) (198) | [SAFA_MATCHED_FLIGHT](#) (214)

SUR

BNF: 1{ [LIM_CHAR](#) }50

DOC: Detailed Definition: (1) Include surveillance applications or capabilities not specified in SE-QPT(10b) ;

Value Definition:
Consistency Rules:



PAR: [sur](#) (129) | [FIELD_TYPE_18_ICAO](#) (32) | [MSG_FLT_RECORD](#) (198)

surequipment_icao

BNF: 1{ [surequipmentcode](#) }

DOC: Detailed Definition: (1)The designator of the Surveillance equipment carried with a maximum length of 20 characters. The allowed combinations of the surequipmentcode

in the `surequipment_icao` field are defined by the following BNF: `["N" | [1 { ["I" | "P" | "X"] | "A" | "C" } 3 | 1 { "A" | "C" | "E" | "H" | "L" | "S" } 6] + 1 { ["B1" | "B2" | "D1" | "G1" | "U1" | "U2" | "V1" | "V2"] } 8] . ;`

Value Definition:
Consistency Rules:

GRA: `surequipment_icao` 

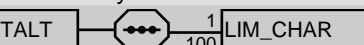
PAR: `seqpt` (121) | `FIELD_TYPE_10_ICAO` (28) | `MSG_FLT_RECORD` (198)

TALT

BNF: `1 { LIM_CHAR } 100`

DOC: Detailed Definition: Name of take-off alternate aerodromes;

Value Definition:
Consistency Rules:

GRA: `TALT` 

PAR: `talt` (130) | `FIELD_TYPE_18_ICAO` (32) | `MSG_FLT_RECORD` (198)

TERMINAL_PROCEDURE_SYNONYM_ID

BNF: `3 { ALPHANUMERIC } 12`

DOC: Detailed Definition: (1) Identifier of a Terminal Procedure (sid or star), but not following standard ICAO codification rules for sid or star. See also TERMINAL_PROCEDURE_SYNONYM (in CORP/CCM/ENV);

Value Definition:
Consistency Rules:

GRA: `TERMINAL_PROCEDURE_SYNONYM_ID` 

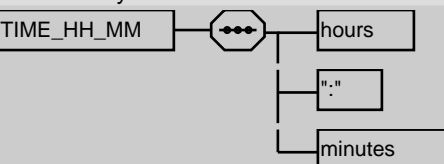
PAR: `FIELD_TYPE_15C_ICAO` (30) | `FIELD_TYPE_15C_ICAO` (30)

TIME_HH_MM

BNF: `hours + ":" + minutes`

DOC: Detailed Definition: (1) Time, expressed in hours and minutes, in format HH:MM;

Value Definition:
Consistency Rules:

GRA: `TIME_HH_MM` 

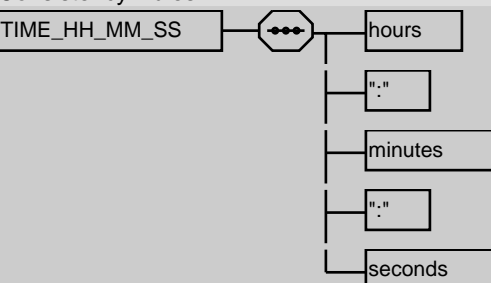
PAR: `FILING_TIME` (188) | `EOBT_FORMATTED` (185) | `EVENT_TIMESTAMP` (187)

TIME_HH_MM_SS

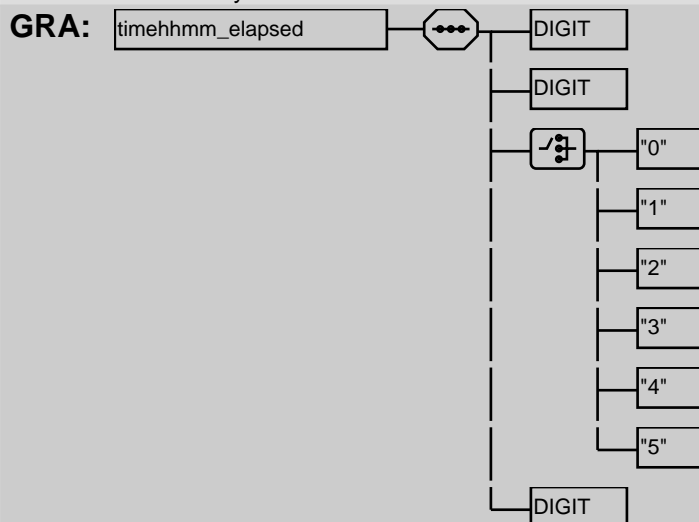
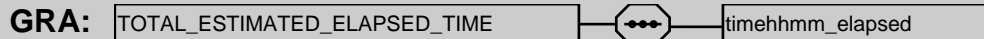
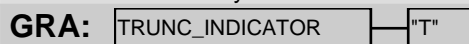
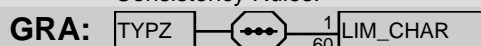
BNF: `hours + ":" + minutes + ":" + seconds`

DOC: Detailed Definition: (1) Time, expressed in hours minutes and seconds, in format HH:MM:SS;

Value Definition:
Consistency Rules:

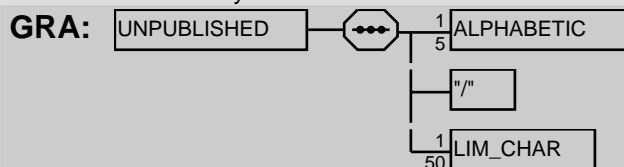
GRA: `TIME_HH_MM_SS` 

PAR: `EVENT_TIME` (187)

timehhmm_elapsed**BNF:** [DIGIT](#) + [DIGIT](#) + ["0" | "1" | "2" | "3" | "4" | "5"] + [DIGIT](#)**DOC:** Detailed Definition: (1)An unlimited number of hours and minutes, used for durations.;
Value Definition:
Consistency Rules:**PAR:** [eetfir](#) (92) | [eetpt](#) (93) | [dle](#) (92) | [tleet](#) (132) | [EET](#) (184) | [FUEL_ENDURANCE](#) (189) | [NEW_TTLEET](#) (169) | [TOTAL_ESTIMATED_ELAPSED_TIME](#) (221) | [DLE](#) (183) | [EET_FIR](#) (184) | [SAFA_MATCHED_FLIGHT](#) (214)**TOTAL_ESTIMATED_ELAPSED_TIME****BNF:** [timehhmm_elapsed](#)**DOC:** Detailed Definition: (1) Total estimated time to reach a destination. ;
Value Definition:
Consistency Rules:**PAR:** [FIELD_TYPE_16B_ICAO](#) (31) | [IFPS_RPL_INFO_RECORD](#) (156) | [IFPS_RPL_INFO_RECORD_WITH_DELIMITER](#) (157) | [MSG_FLT_RECORD](#) (198)**TRUNC_INDICATOR****BNF:** "T"**DOC:** Detailed Definition: (1) Indicates that the field 15 is truncated at this point, and will continue as defined in a previous FPL.;
Value Definition:
Consistency Rules:**PAR:** [FIELD_TYPE_15C_ICAO](#) (30)**TYPZ****BNF:** 1{ [LIM_CHAR](#) }60**DOC:** Detailed Definition: (1) type of aircraft when no ICAO code exists. ;
Value Definition:
Consistency Rules:**PAR:** [typz](#) (132) | [FIELD_TYPE_18_ICAO](#) (32) | [MSG_FLT_RECORD](#) (198)**UNPUBLISHED****BNF:** 1{ [ALPHABETIC](#) }5 + "/" + 1{ [LIM_CHAR](#) }50**DOC:** Detailed Definition: (1)Unrecognised (not published) field 18 indicator received by IFPS and output as received ;

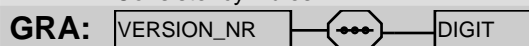
Value Definition:

Consistency Rules:

**PAR:** [FIELD_TYPE_18_ICAO](#) (32)**VERSION_NR****BNF:** [DIGIT](#)**DOC:** Detailed Definition: (1) Version number indicator ;

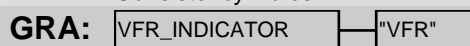
Value Definition: [0, 1, ... 9]

Consistency Rules:

**PAR:** [ARRIVAL_PROCEDURE_ICAO_ID](#) (176) | [DEPARTURE_PROCEDURE_ICAO_ID](#) (182)**VFR_INDICATOR****BNF:** "VFR"**DOC:** Detailed Definition: (1) Visual Flight Rules indicator

Value Definition:

Consistency Rules:

**PAR:** [INDICATOR_ICAO](#) (196) | [CRUISING_LEVEL](#) (181)**WAKE_TURBULENCE_CATEGORY****BNF:** [waketurbcat](#)**DOC:** Detailed Definition: (1) Indication of the Wake Turbulence Category of the Aircraft Type in ques-

tion. ;

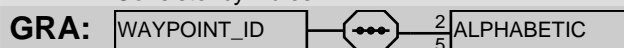
Value Definition: [J | H | M | L]

Consistency Rules: none

**PAR:** [FIELD_TYPE_9_ICAO](#) (39) | [IFPS_RPL_INFO_RECORD](#) (156) | [IFPS_RPL_INFO_RECORD_WITH_DELIMITER](#) (157)**WAYPOINT_ID****BNF:** 2{ [ALPHABETIC](#) }5**DOC:** Detailed Definition: (1) ICAO identification for a WAYPOINT. ;

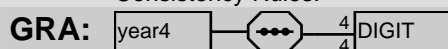
Value Definition:

Consistency Rules:

**PAR:** [SIGNIFICANT_POINT_ID](#) (216)**year4****BNF:** 4{ [DIGIT](#) }4**DOC:** Detailed Definition: The year in 4 digits. (YYYY);

Value Definition:

Consistency Rules:

**PAR:** [EVENT_TIMESTAMP](#) (187)

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